

John:
Observe p. 7
of supplemental
stripis -

Spoke to
Germal Halweg
he said this
will is not
confidential.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0145041
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Gulf Oil Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 670, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME Morris Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 820' FnL & 2260' FWL, Section 8, 18-S, 16-E At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 35 miles SE of Dragerton, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8, 18-S, 16-E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH Emery
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		13. STATE Utah
16. NO. OF ACRES IN LEASE 480		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
19. PROPOSED DEPTH 14,500'		20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START* 9-15 to 10-1-73		

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	2500'	Circulate
12-1/4"	9-5/8"	36 & 40#	6500'	500 sacks
8-3/4"	5-1/2" Or 7"	17# 5-1/2" or 26 & 29# 7"	14,500	500 sacks

Mud Program:

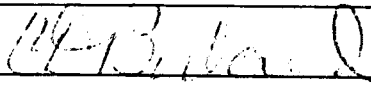
0 to 2500' Fresh water gel.
2500' to 14,500 Fresh water non dispersed

BOP: See attached Drawing No. 4

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Area Production ManagerDATE August 9, 1973

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

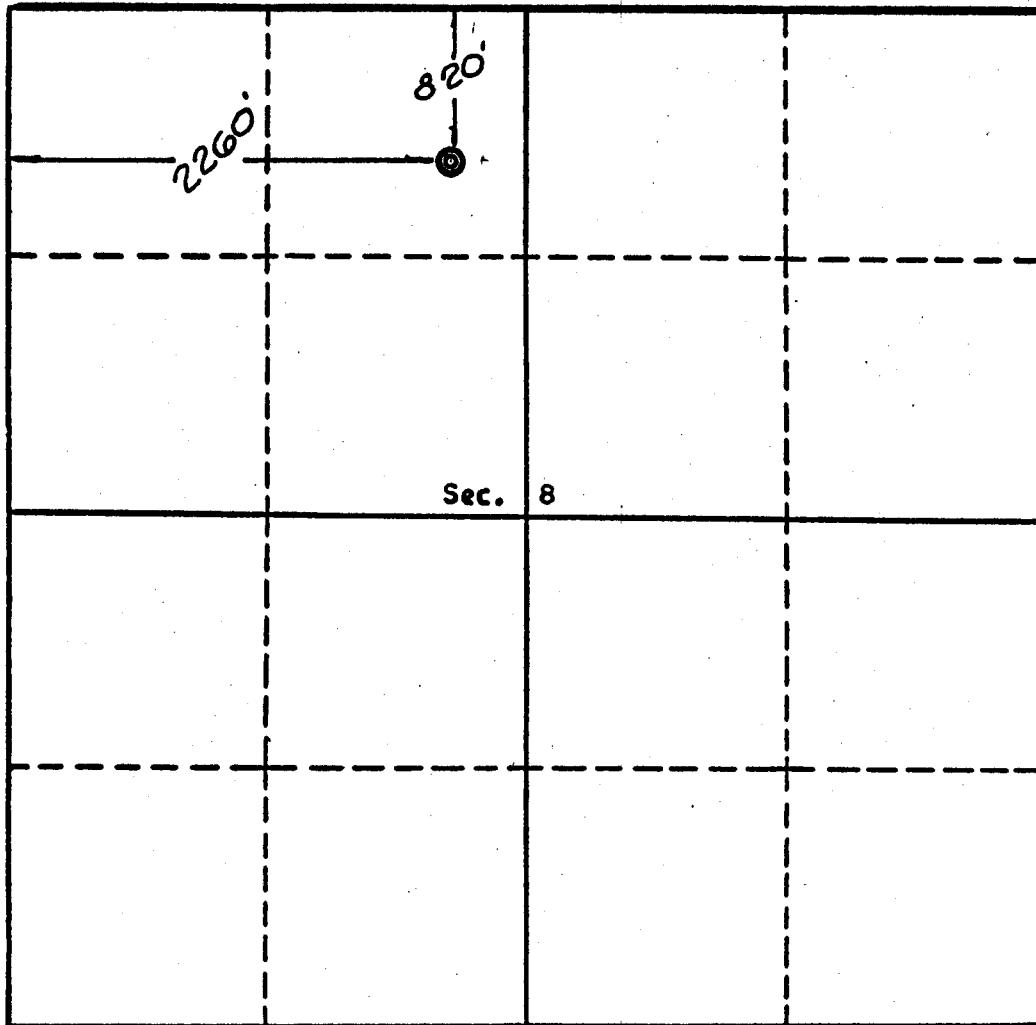
Company Gulf Oil Corporation

Well Name & No. Norris Federal #1

Location 820 feet from the North line and 2260 feet from the West line.

Sec. 8, T. 18 S., R. 16 E., S. L. M., County Emery, Utah

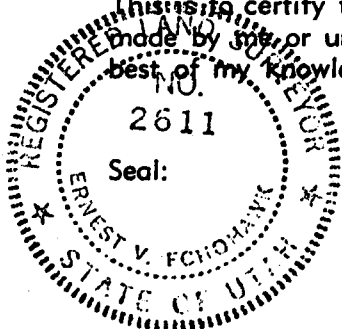
Ground Elevation _____



Scale, 1 inch = 1,000 feet

Surveyed August 5, 19 73

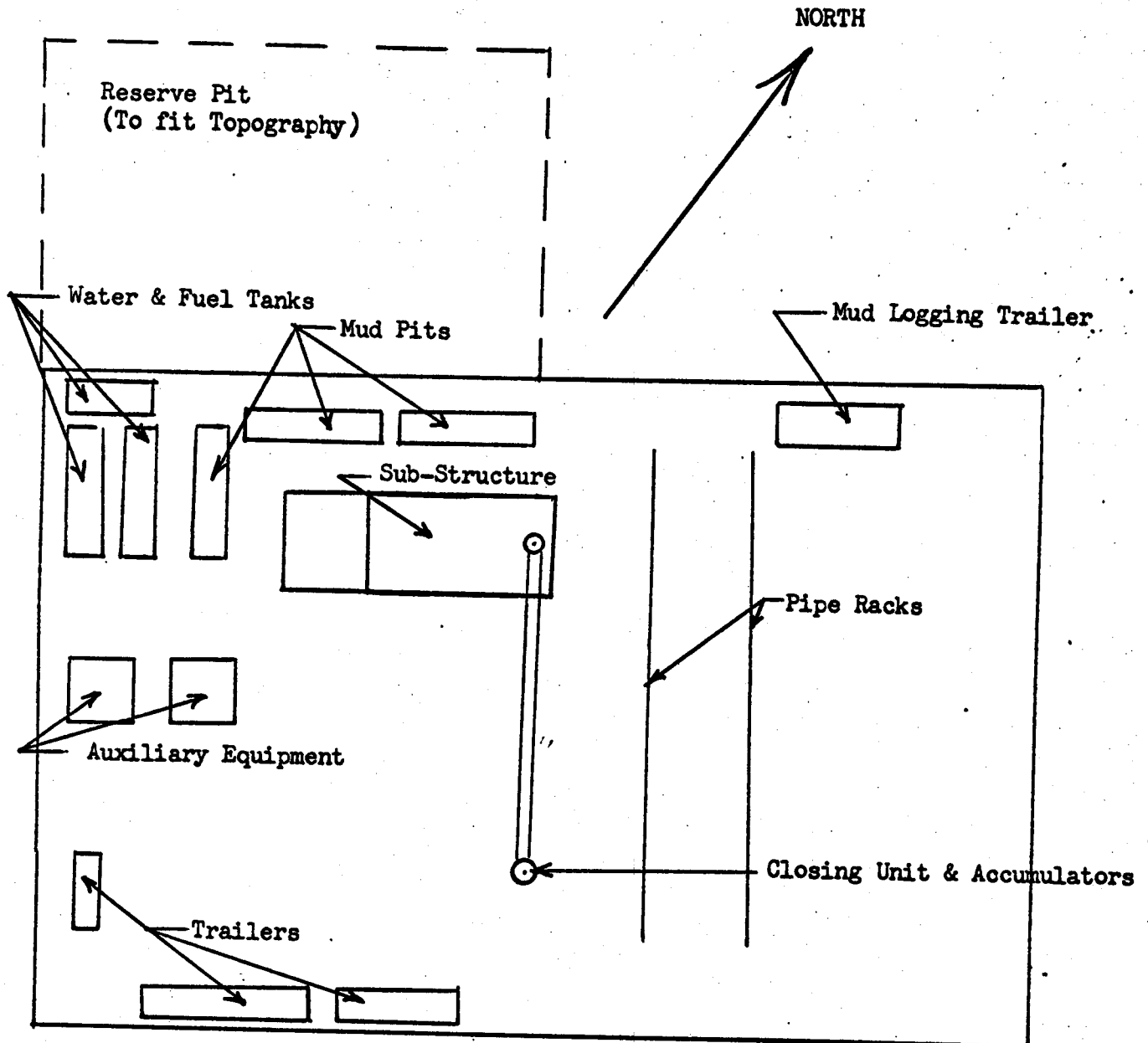
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



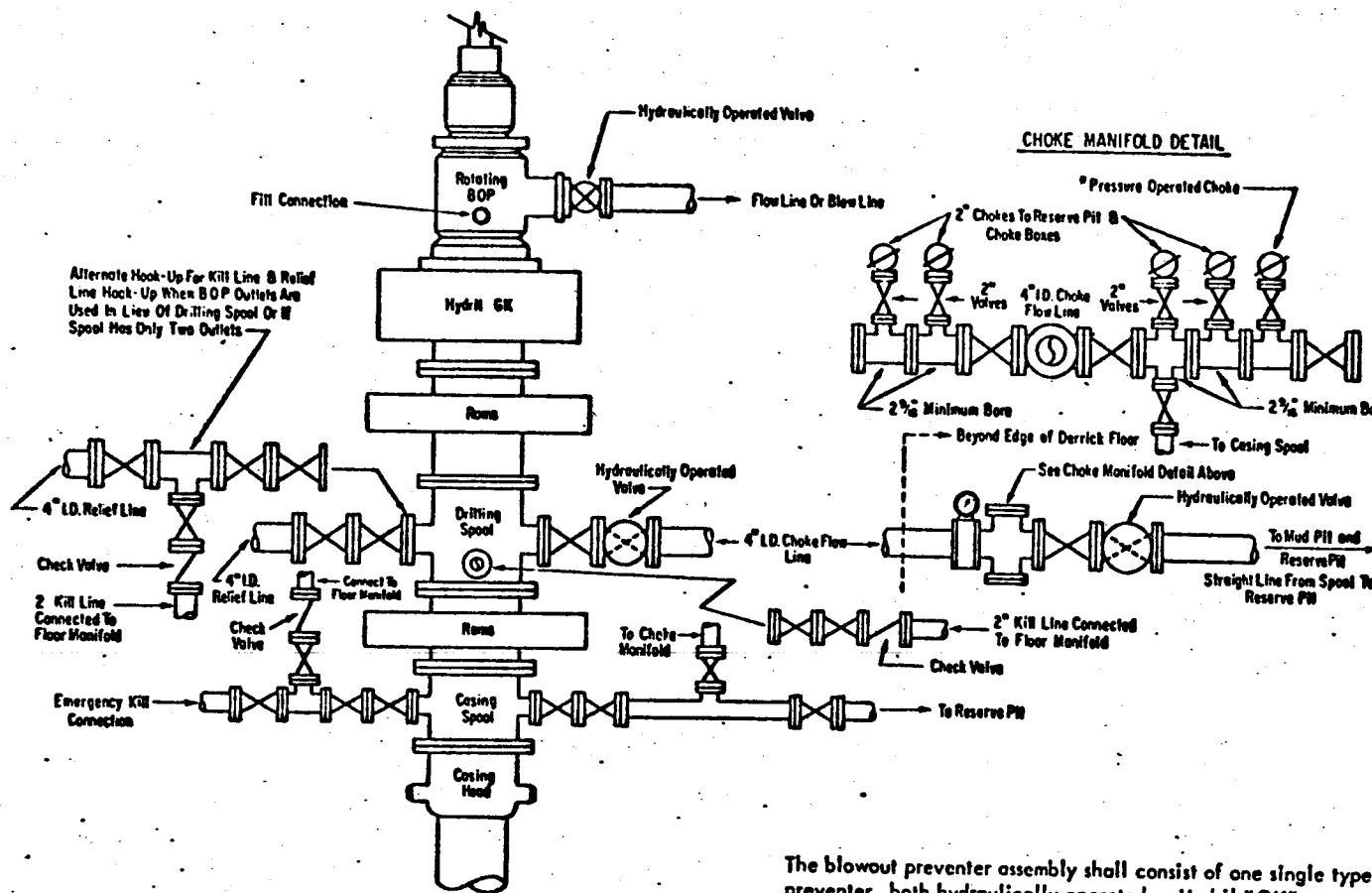
E. V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

LOCATION LAYOUT
GULF OIL CORPORATION



1" = 50'



5000# PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

ADDITIONS-DELETIONS-CHANGES
SPECIFY

The blowout preventer assembly shall consist of one single type blind ram preventer and one single type pipe ram preventer, both hydraulically operated; a Hydril "GK" preventer; a rotating blowout preventer; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and 4-inch I.D. relief line, except when air or gas drilling. All preventer connections are to be open-face flanged.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) Multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within _____ minutes. Also, the pumps are to be connected to the the charging pumps shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within _____ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least _____ percent of the original. (3) When requested, an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke line, relief line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line, relief line, and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. If deemed necessary, walkways and stairways shall be erected in and around the choke preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with handles.

* To include derrick floor mounted controls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

820' Fnl & 2260' FWL, Section 8, 18-S, 16-E

At proposed prod. zone

*SW 1/4 Sec 8, 18-S, 16-E
120' to far East*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 35 miles SE of Dragerton, Utah

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

14,500' ✓

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

9-15 to 10-1-73

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	2500' ✓	Circulate ✓
12-1/4"	9-5/8"	36 & 40#	6500'	500 sacks
8-3/4"	5-1/2" Or 7"	17# 5-1/2" or 26 & 29# 7"	14,500	500 sacks

Granite

Mud Program:

0 to 2500' Fresh water gel.

2500' to 14,500 Fresh water non dispersed

BOP: See attached Drawing No. 4

*Need letter requesting
exception to Rule C-3
and statement covering 660' radius
(Why build road farther east?)*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

TITLE

Area Production Manager

DATE August 9, 1973

(This space for Federal or State office use)

PERMIT NO.

43-015-30014

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

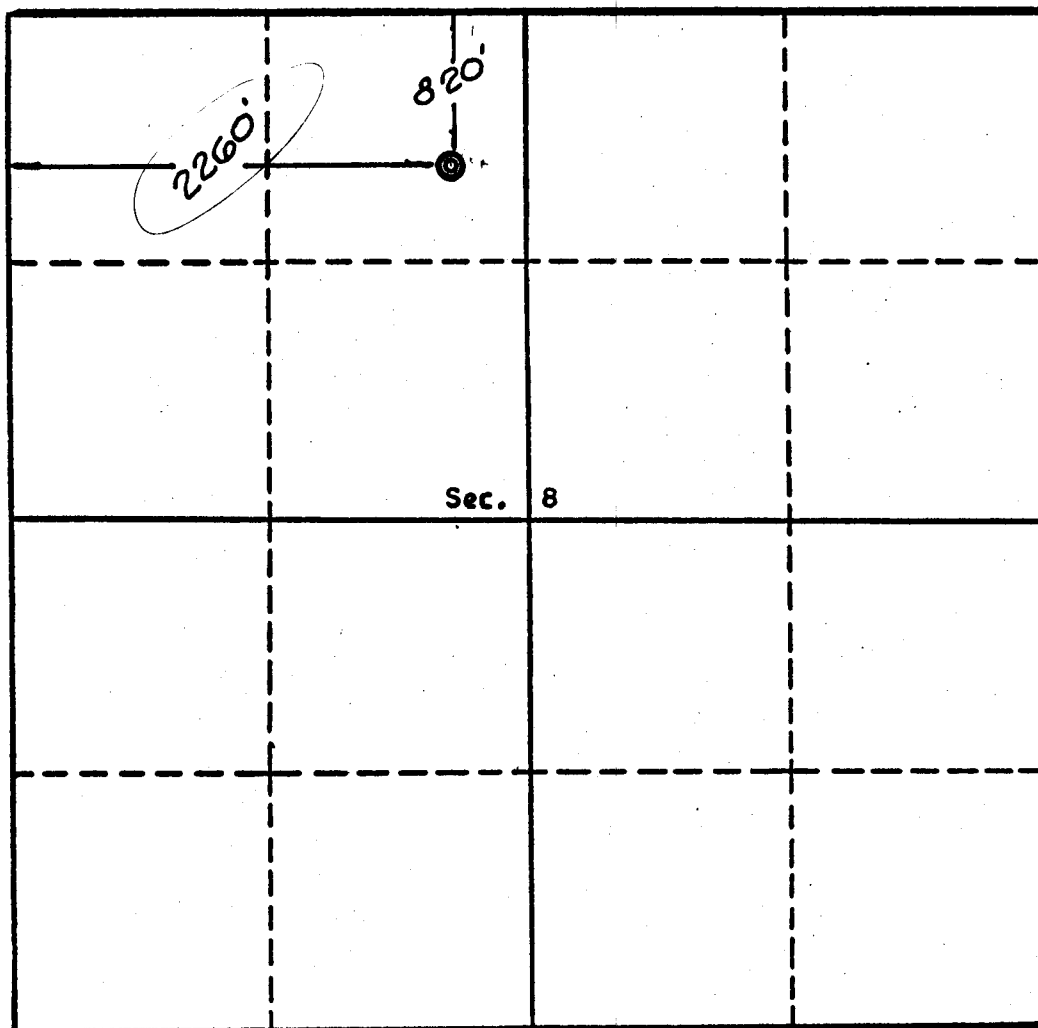
Company Gulf Oil Corporation

Well Name & No. Norris Federal #1

Location 820 feet from the North line and 2260 feet from the West line.

Sec. 8, T. 18 S., R. 16 E., S. L. M., County Emery, Utah

Ground Elevation _____



Scale, 1 inch = 1,000 feet

Surveyed August 5, 19 73

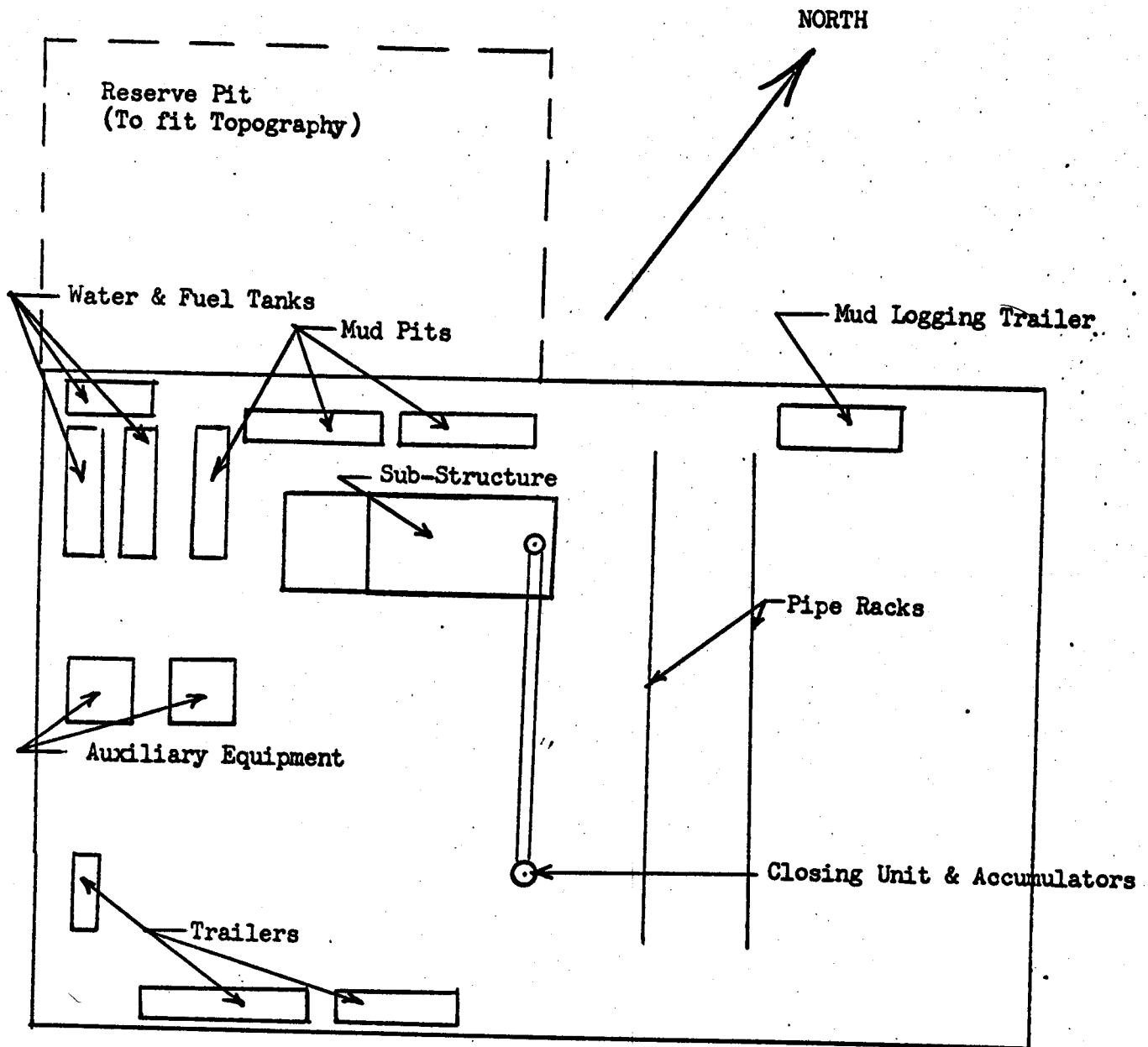
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



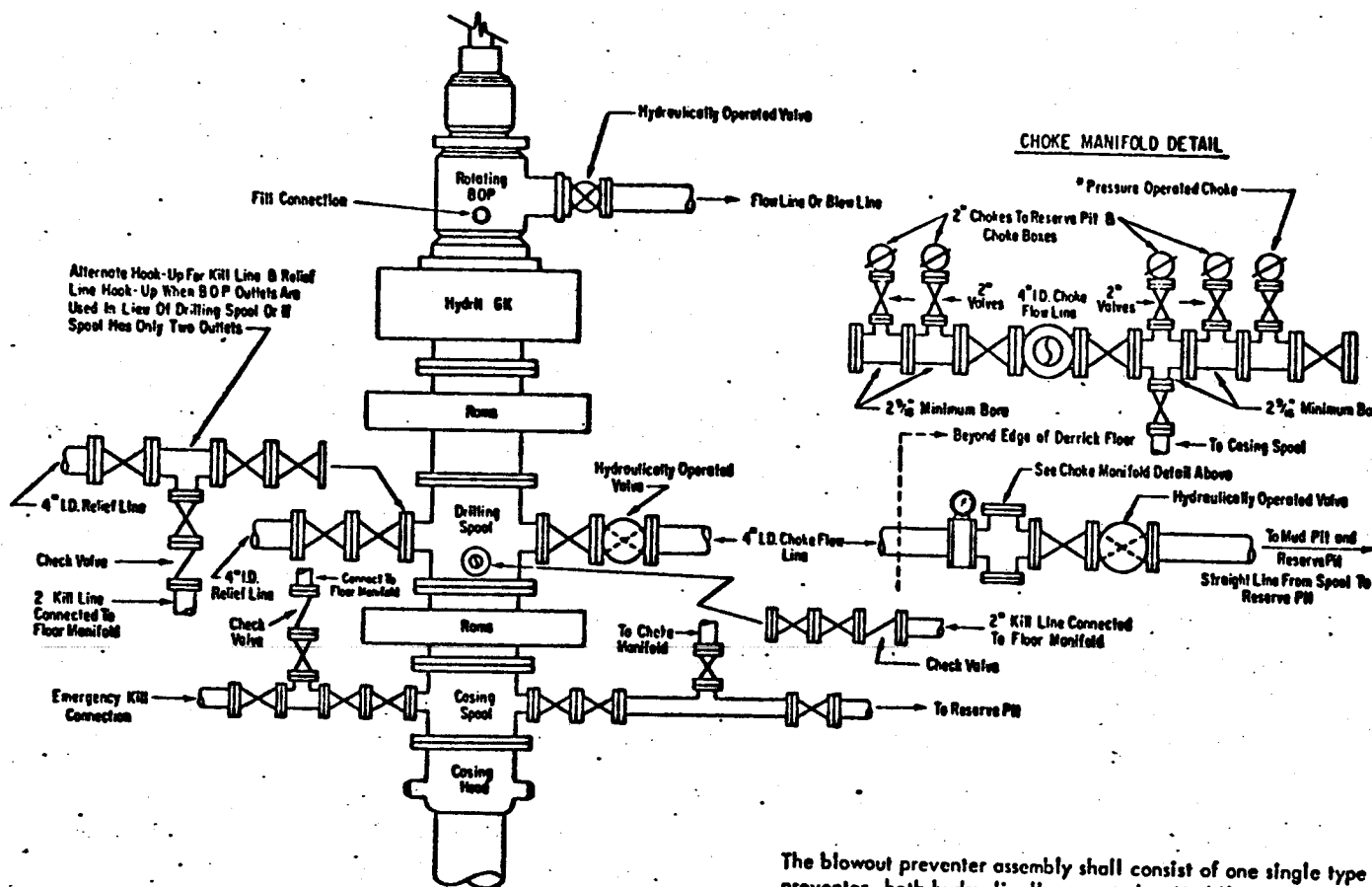
E. V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

LOCATION LAYOUT
GULF OIL CORPORATION

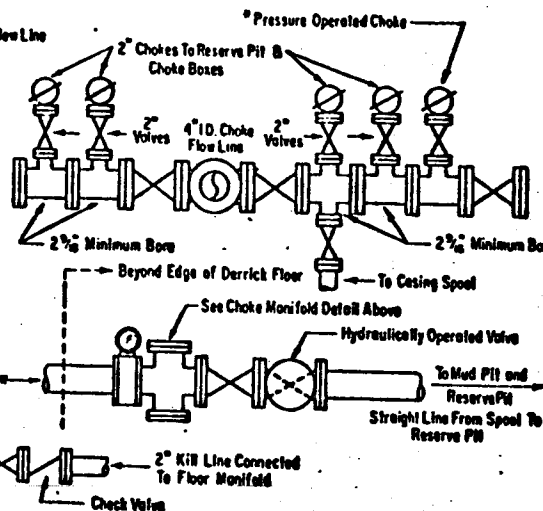


1" = 50'



5000# PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

CHOKE MANIFOLD DETAIL



ADDITIONS-DELETIONS-CHANGES SPECIFY

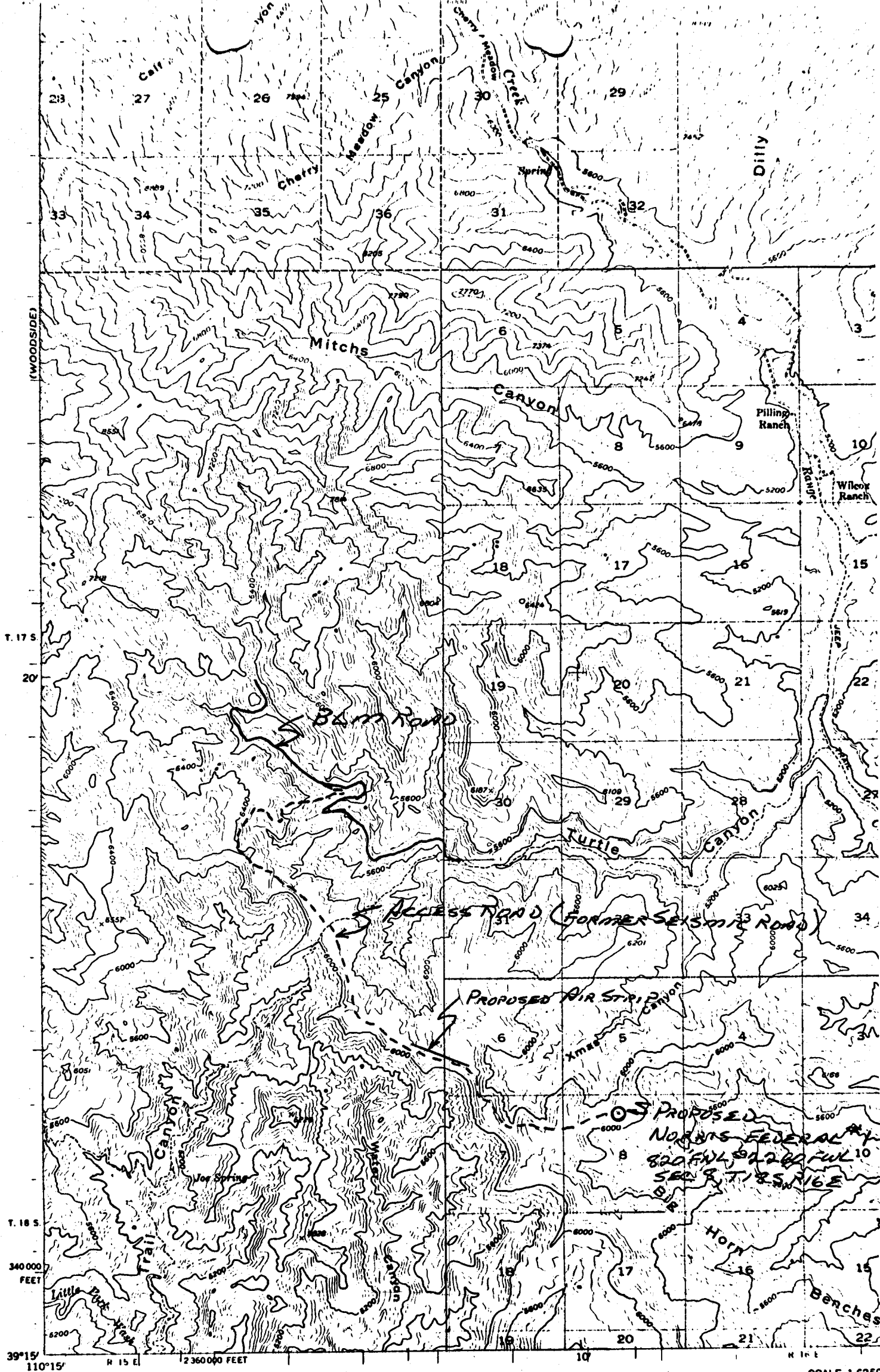
The blowout preventer assembly shall consist of one single type blind ram preventer and one single type pipe ram preventer, both hydraulically operated; a Hydram "GK" preventer; a rotating blowout preventer; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and 4-inch I.D. relief line, except when air or gas drilling. All preventer connections are to be open-face flanged.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) Multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within _____ minutes. Also, the pumps are to be connected to the charging pumps shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within _____ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least _____ percent of the original. (3) When requested, an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided for operating the Hydram preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, relief line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line, relief line, and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. If deemed necessary, walkways and stairways shall be erected in and around the choke preventers. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and relief line valves connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped

* To include derrick floor mounted controls.



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Advance field check 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone

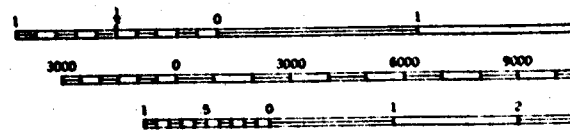
Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks,
zone 12, shown in blue



APPROXIMATE MEAN
DECLINATION, 1964



CONTOUR INTERVAL
CONTOUR INTERVAL ON RIVER
DATUM IS MEAN S

THIS MAP COMPLIES WITH NATION
FOR SALE BY U. S. GEOLOGICAL SURVEY, DEPARTMENT OF THE INTERIOR
A FOLDER DESCRIBING TOPOGRAPHIC MAPS

Gulf Oil Company - U.S.

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 9, 1973

P. O. Box 670
Hobbs, New Mexico 88240

U. S. G. S.
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84116

Gentlemen:

The surface development plan for the proposed Norris-Federal No. 1 is as follows:

1. Existing Roads - See attached map.
2. Planned Access Road - Seismic road to be improved and used. See attached map.
3. Location of Existing Wells - None within two miles.
4. Lateral Roads to Well Locations - None in area.
5. Location of Tank Batteries and Flowlines - None in area. Battery to be installed on location if well is productive.
6. Location and Types of Water Supply - No water available in immediate area. Water to be transported from Range creek.
7. Methods for Handling Waste Disposal. Trash to be burned and debris to be buried after completion of drilling.
8. Location of Camps - None in area or planned.
9. Location of Airstrips - See attached map.
10. Location Layout - See attached drawing.
11. Plans for Surface Restoration - Fill and level reserve pit. If dry hole, clean up and restore roads and location as specified by U. S. G. S.
12. Other Pertinent Information - None.

Yours truly,



C. D. BORLAND

KLC: lwd.

Att'd

cc: Utah Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116
J. L. Pike - Midland
BLM, Box AB, Price, Utah 84501



August 14, 1973

Gulf Oil Corporation
Box 670
Hobbs, New Mexico 88240

Re: Well No. Morris Federal #1
Sec. 8, T. 18 S, R. 16 E,
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted. However, said approval is conditional upon the following:

1. A letter stating the reason for the unorthodox location, topographic or geological, and indicating that your company owns or controls all the acreage within a 660' radius of the proposed site.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The api number assigned to this well is 43-015-30014.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FREIGHT
DIRECTOR

4

L

PI

PH

Gulf Oil Company - U.S.

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 17, 1973

P. O. Box 670
Hobbs, New Mexico 88240

Paul Burchell
State of Utah
Division of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Dear Sir:

Your administrative approval is hereby requested for an exception to Rule C-3 (b) for our Norris Federal No. 1, located 820' FNL & 2260' FWL, Section 8, 18-S, 16-E, Emery County, Utah. This unorthodox location is necessitated by topographical conditions. Gulf owns or controls all acreage in a 660' radius.

Your early consideration will be appreciated.


C. D. BORLAND

lwd:

cc: U. S. G. S.
Salt Lake City, Utah.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 8-23-73
BY CB. Fugler



A DIVISION OF GULF OIL CORPORATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THIS MANNER
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

8. LEASE DESIGNATION AND SERIAL NO.

U-0145041

9. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Norris Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SUBVY OR AREA

Sec 8, 18-S, 16-E

12. COUNTY OR PARISH 13. STATE

Emery

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

820' FNL, 2260' FWL, Section 8, 18-S, 16-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETS

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moran Brothers Drilling Company spudded 17-1/2" hole at 4:00 PM, December 29, 1973. Drilled to 231'. Ran 12-1/4" bit and drilled to 2460'. Reamed 12-1/4" hole to 17-1/2" to 2432'. Ran 967' of 13-3/8" OD 54.50# J-55 ST&C and 1444' of 13-3/8" OD 48# H-40 ST&C casing. Total of 2411'. Set and cemented at 2432' with 2200 sacks of Class G cement. Cement circulated. WOC & NU 55 hours. Tested casing with 1000#, 30 minutes, OK.

Started drilling 12-1/4" hole at 2:00 AM, February 1, 1974.

18. I hereby certify that the foregoing is true and correct

SIGNED

H. J. Braggale

TITLE

Area Engineer

DATE

February 1, 1974

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Norris Federal

Operator Gulf Oil Corporation

Address Box 670, Hobbs, New Mexico 88240

Contractor Moran Brothers Drilling Co., Inc.

Address 1000 Petroleum Bldg., Wichita Falls, Texas 76301

Location NE 1/4, NW 1/4, Sec. 8, T. 18-S N., R. 16-E E., Emery County.
S W

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From - To -	Flow Rate or Head -	Fresh or Salty -
1.	<u>DST #2 - 7276-7305'</u>	<u>Rec 1666' brackish water</u>	
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0145041

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Norris Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Sec 8, 18-S, 16-E

12. COUNTY OR PARISH 13. STATE

Emery

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

820' FNL & 2260' FWL, Section 8, 18-S, 16-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DS, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12-1/4" hole to 6490'. Ran 6465' of 9-5/8" N-80 and K-55 casing set and cemented at 6487' with 1400 sacks of Class G cement with 16% gel, 3% salt, .5% CFR-2 and 200 sacks of Class G with .75% CFR-2. Cement circulated. WOC and NU over 48 hours. Tested casing with 1500#, 30 minutes, OK.

Started drilling 8-1/2" hole at 6490' at 3:30 PM, March 1, 1974 ✓

18. I hereby certify that the foregoing is true and correct

SIGNED

H. J. Bozdale

TITLE

Area Engineer

DATE March 4, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0145041

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Norris Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA

Sec 8, 18-S, 16-E

12. COUNTY OR PARISH 13. STATE

Emery

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Gulf Oil Corporation

3. ADDRESS OF OPERATOR
Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

820' FNL & 2260' FWL, Section 8, 18-S, 16-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

FULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12-1/4" hole to 6490'. Ran 6465' of 9-5/8" N-80 and K-55 casing set and cemented at 6487' with 1400 sacks of Class G cement with 16% gel, 3% salt, .5% CFR-2 and 200 sacks of Class G with .75% CFR-2. Cement circulated. WOC and NU over 48 hours. Tested casing with 1500#, 30 minutes, OK.

Started drilling 8-1/2" hole at 6490' at 3:30 PM, March 1, 1974

18. I hereby certify that the foregoing is true and correct

SIGNED

H. J. Borzelle

TITLE

Area Engineer

DATE March 4, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Paul (Pee)

637-1532 X26

Bentley - Say

0

Mr. Bently - Gulf
Norris Fed.
6/10/74

Morosa - 6346

Entrada - 6980

Noroy - 7654

Hayate - 7950

Wingate - 8150

Chenle - 8510

Moenshop - 8719

Lenbor - 9445

L. Manibpi - 9478

Coconino - 9755

Argus - 9960

Elephant - 10117

Norway - 10680

Jamaica - 11550

Runy Bay - 12500

Namby - 12860

Descent - 13055

T.P. - 13463

Top. Fresh @ 12,756

19 = 7 1/2 inch Colu
+ drill pipe

① 100' across top of fish

② 100' across top of
Norway

③ 100' across top of
Coconino

④ 100' bore of Norway

⑤ 100' top of Entrada
or bore

of 6 1/2 - 9 1/8
No fault.

⑥ Surface 1000/ma.

⑦ 13 3/8 - 1000/annulus

fresh water mud - 9.5
between all plugs

Circulated
Cement

PMB

Consistent
Elev.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1634.

5. LEASE DESIGNATION AND SERIAL NO.

U-0145041

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Norris Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 8, 18-S, 16-E

12. COUNTY OR PARISH

Emery

Utah

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Dry Hole

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

820' FNL & 2260' FWL, Section 8, 18-S, 16-E

14. PERMIT NO.

15. ELEVATIONS (Show whether SF, HT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETS ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 8-1/2" hole to 13,463'. Lost 8-1/2" bit, 4 joints and 1 27' piece of DP and 19, 7" drill collars in hole. Unable to recover fish. Spotted 34 sack cement plug No. 1 from 12,750' to 12650'; 51 sack cement plug No.2 from 10,750' to 10,600'; 51 sack cement plug No. 3 from 9825-9675'; 51 sack cement plug No. 4 from 9525' to 9373'; 51 sack cement plug No. 5 from 8225' to 8075'; 51 sack cement plug No. 6 from 7050' to 6900'; 45 sack cement plug No. 7 from 6480' to 6380' and 10 sack cement plug at surface. Installed dry hole marker. Plugged and abandoned on June 21, 1974. Will advise when location is ready for your inspection.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Area Engineer

DATE June 25, 1974

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE REGISTRATION AND SERIAL NO.

U-0145041

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Norris Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 8, 18-S, 16-E

12. COUNTY OR
PARISH

Emery

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL ☐ WELL ☐ GAS ☐ WELL ☐ DRY ☐ Other ☐2. TYPE OF COMPLETION: NEW ☐ WELL ☐ WORK ☐ OVER ☐ DIRT ☐ BN ☐ PLUG ☐ BACK ☐ DIFF. ☐ RESER. ☐ Other ☒ Dry Hole

3. NAME OF OPERATOR

Gulf Oil Corporation

4. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

820' FNL & 2260' FWL, Section 8, 18-S, 16-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-29-73

16. DATE T.D. REACHED

5-21-74

17. DATE COMPL. (Ready to prod.)

P & A

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

19. TOTAL DEPTH, MD & TVD

13,463'

20. PLUG BACK T.D., MD & TVD

21. IF MULTIPLE COMPL., /
HOW MANY*22. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

None

No

24. TYPE ELECTRIC AND OTHER LOGS RUN

BHC-GR, I-ES, DIL, 4 Arm Dipmeter

25. WAS WELL CORED

Yes

26. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48 & 54.5#	2432'	17-1/2"	2200 sacks (Circulated)	
9-5/8"	36 & 40#	6487'	12-1/4"	1600 sacks (Circulated)	

27. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

28. PERFORATION RECORD (Interval, size and number)

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

30. PRODUCTION

			TEST PERIOD →				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	

31. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

32. LIST OF ATTACHMENTS

33. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Area Engineer

DATE

June 25, 1974

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

JUN 27 1974

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Core No. 1 - Sidewall	5839'	- 5861'	
Rec 6 plugs. SS fine sub Angular. Porous w/no shows.			
DST No. 1 - 6317 - 6340'		Open 60 min, Rec 145' mud. No show oil or gas. 60 min ISIP 1555#, 60 min FSIP 901#, FP 55 - 96#, HP 3056-3056 (Buckhorn)	
DST No. 2 - 7276 - 7305'		Open 90 min. Rec 1666 brackish wtr (8000 ppm) w/tr inert gas. 45 min ISIP 2389#, FP 316 - 740#. 60 min FSIP 2223#. HP 3472-3472# (Entrada)	
DST No. 3 - 9770 - 9858'		Open 90 min. Rec 185' mud, no show oil or gas. 60 min ISIP 2391#, FP 126 - 137#, 60 min FSIP 1605#, HP 4667-4667# (Coconino)	
DST No. 4 - 10,070-10,130'		Open 60 min. Rec 15' mud. No show oil or gas. 60 min ISIP 105#, FP 42-42#, 90 min FSIP 63#, HP 4793-4793# (Elephant Canyon)	
DST No. 5 - 13,105-13,160'		Open 30 min. Rec 2520' wtr cushion, 240' S/WCM. No show 60 min ISIP 5066#, FP 1210-1243#, 60 min FSIP 4900#, HP 6377-6377#. Pit Chlorides 8,000 ppm, wtr cut mud chlorides 15,000 ppm. (Miss)	

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Log Tops		
Mancos	2373'	
Dakota	5837'	
Cedar Mtn	6008'	
Buckhorn	6250'	
Morrison	6347'	
Entrada	6980'	
Navajo	7655'	
Wingate	8150'	
Chinle	8510'	
Noskopi	8718'	
Sinbad	9445'	
Coconino	9755'	
Organ Rock	9960'	
Elephant Canyon	10,117'	
Hermosa	10,680'	
Ismay	11,498'	
Desert Creek	11,660'	
Akah	11,805'	
Manning Canyon	12,566'	
Humsug	12,810'	

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ FILE ☒ WATER SANDS ☒ LOCATION INSPECTED ☒ SUB. REPORT ☒ 6-25-74

DATE FILED: 8-13-73

LAND: FEED & PATENTED STATE LEASE NO. _____

PUBLIC LEASE NO. 40145041

INDIAN _____

DRILLING APPROVED: 8-14-73

SPOOLED IN: 12-29-73 ☒

COMPLETED: 5-21-74 ☒ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.L. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: 13,463'

WELL ELEVATION: 6285 KB

DATE ABANDONED: 5-21-74 PLA

FIELD: Wildcat

UNIT: _____

COUNTY: Emery

WELL NO. NORRIS FEDERAL #1

APT. NO: 43-015-30014

LOCATION 820' FT. FROM (N) KEY LINE, 2260' FT. FROM KEY (W) LINE. SW NW NW 1/4-1/4 SEC. 8

File Lost

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>18 S</u>	<u>16 E</u>	<u>8</u>	<u>GULF OIL CORPORATION</u>

QUATERNARY	Star Point	Chinle 8510	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon 12,566
Lake beds	Masuk	Moenkopi 8712	Mississippian
Pleistocene	Colorado	Sinbad 9445	Humburg 12,810
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino 9155	Madison 13,050
Salt Lake	Mancos 2373	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock 9960	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgait Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota 5834	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain 6008	Supai	Simonson Dolomite
	Buckhorn 6350	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Morrison 6347	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa 10,680	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada 6970	Paredox	Lynch
Current Creek	Moab Tongue	Ismay 11,498	Bowman
North Horn	Carmel	Desert Creek 11,660	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akahi 11,805	Ophir
Montana	Navajo 71655	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate 8150	Cane Creek	
Blackhawk	TRIASSIC		

July 25, 1974

Gulf Oil Corporation
Box 670
Hobbs, New Mexico 88240

Re: Well No. Norris Federal #1
Sec. 8, T. 18 S, R. 16 E,
Emery County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above referred to well are due and have not as yet been filed with this office.

In order to keep our files accurate and complete, it would be greatly appreciated if said logs were forwarded at your earliest convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE WILCOX
EXECUTIVE SECRETARY

/sw

4

2

Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT
HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

May 20, 1975

P. O. Box 670
Hobbs, New Mexico 88240

U. S. G. S.
8426 Federal Building
Salt Lake City, Utah 84138

Gentlemen:

This is to advise that Mr. Quinton E. Pickup, with the Bureau of Land Management, Price, Utah, inspected our Norris Federal well No. 1, located 820' FNL & 2260' FWL, Section 8, 18-S, 16-E, Emery County, Utah, on May 19, 1975 and found the location to be in satisfactory condition after plugging operations completed.

Yours truly,



C. D. BORLAND

lwd:

cc: BLM, Box AB, Price Utah 84501
State of Utah, Division of Oil
& Gas Conservation, 1588 West
North Temple, Salt Lake City,
Utah 84116



A DIVISION OF GULF OIL CORPORATION

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER
HOBBS AREA

February 28, 1984

P. O. Box 670
Hobbs, NM 88240

Bureau of Land Management
136 East South Temple
Salt Lake City, Utah 84111

Attention: Bill Martin

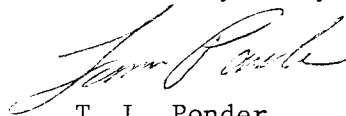
Dear Mr. Martin:

If an on-site is requested by the Bureau of Land Management we will be happy to accomodate.

We are presently in the process of working on plans to drill a Range Creek No. 2 nearby. The appropriate forms will follow. We would like to do this work concurrently if there are no objections.

Please contact me at Gulf Oil in Hobbs, NM. (505) 393-4121, if any further information is needed. Your consideration is appreciated.

Yours very truly,



T. L. Ponder
Drlg. Engineer

TLP;ke



A DIVISION OF GULF OIL CORPORATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐ Re-Entry DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Box 670 Hobbs NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

P20 FNL' + 2260' FNL Sec 8 18S 16E NW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 35 miles SE of Dragonton Utah

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

7193

16. NO. OF ACRES IN LEASE

480

19. PROPOSED DEPTH

6480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Well Service Unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GLE: 6262'

12. COUNTY OR PARISH

Emery

13. STATE

Utah

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

No New casing to be set

Existing 9 5/8" set @ 6487

Formation test inside this pipe

BOP will be 3000 psi WP tested to 1500 psi.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1-10-84RECEIVED
MAR - 2 1984DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

K. C. Anderson

TITLE

Area Production Mgr.

DATE

1-10-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

TABLE OF CONTENTS

Application to Drill (Re-Enter)

- A. Location Plat
- B. Ten Point Compliance Program
- C. Proposed B.O.P. Diagram and Proposed Tree Run
- D. Multipoint Requirements for A.P.D.
- E. Access Road Map
- F. Radius Map of Existing Roads and Planned Access Road
- G. Completion Layout
- H. Fluid Stimulation Diagram
- I. Water Haul Route

WORKOVER CAPITALIZED PROCEDURE
NORRIS FEDERAL #1
WILDCAT POOL/FIELD
SECTION 8, T-18-S, R-16-E, BLOCK, SURVEY
COUNTY EMERY STATE UTAH AFE NO. DATE 1/13/89
PURPOSE OF JOB RE-ENTER, PERF, ACIDIZE & FRAC. Do not start
work until Mineral Management Approval Received.
TD 13,463' PBTD 6380' DATA SHEET ATTACHED YCS
OTHER

PROCEDURE

① MI RU PU. REMOVE P&A MARKER & WELD ON WELLHEAD
FLANGE. NU BOP.

② RU REVERSE UNIT. DRILL OUT 10 SX. SURFACE PLUG. GIH W/ BIT
& CSG. SCRAPE ON 2 7/8" TBG & CO 9 5/8" CSG TO 6150' ±. TEST CSG
TO 1500 PSI. DISPLACE HOLE W/ CLEAN 5% KCL FW.
SPOT 250 GAL OF 7 1/2 % HCL ACID @ 6021'. Acid
SHALL CONTAIN 12 GALS MUSOL-A; 1/2 GAL CLA-STAL II;
2 GALS FE-1A; 1/2 GAL CO-SURF 259; AND 1/2 GAL NAI-50
(CORROSION INHIBITOR FOR 72 HR. STABILITY) POH W/ BIT & TBG.

③ PU WIRELINE UNIT. GIH W/ LOGGING TOOLS AND RUN A
GR-NEUTRON - CCL LOG FROM 6150' - 4150' (2000' MINIMUM).
TIE INTO SCHLUMBERGERS' SONIC LOG DATED 2/23/79 (RUN #2).
POH W/ LOGGING TOOLS.

④ GIH W/ LOGGING TOOLS AND RUN A CBL-GR-CCL LOG FROM
6150' - 4150' (2000' MINIMUM). TIE INTO PREVIOUSLY RUN GR-CCL LOG.
IF CBL INDICATES GOOD CMT. BEHIND PIPE, PROCEED W/ PERFORATING.

⑤ INSTALL LUBRICATOR. GIH W/ 4" HOLLOW CARRIER CASING
GUNS W/ CENTRALIZERS. PERF INTERVAL 6075' - 6081' FROM
TOP-DOWN W/ 2-1/2" INPF, 180° PHASED. (12 HOLES TOTAL)
TIE INTO PREVIOUSLY RUN GR-CCL LOG FOR CORRELATION. POH
W/ PERF GUNS. RD WIRELINE UNIT.

RECEIVED

MAR 2 1984

DIVISION OF
OIL, GAS & MINING

1/13/84

WELL MORRIS FEDERAL #1

PAGE # 2

⑥ GIH w/ 9 5/8" x 2 7/8" PRODUCTION PKR, 9 5/8" RBP, & SN ON 2 7/8" TBG. SET RBP @ 6100'. PUM w/ PKR TO 6000' & REVERSE 1 BBL 5% KCL FN & SET PKR. DROP S.V. AND TEST TURING TO 5000 PSI. FISH S.V. ND BOP. NU WH. & INSTALL TREESAVER. PRESSURE BS TO 500 PSI. & MONITOR. PRESSURE UP SLOWLY ON TBG. TO BREAKDOWN PERFS. THEN PUT SPOT AWAY @ 1BPM. SWAB & TEST WELL.

⑦ RU HOWCO ACID & NITROGEN SERVICE. ACIDIZE INTERVAL 6075'-81' @ 5 BPM AND/OR 9000 PSI MAX. SURFACE TREATING PRESSURE WHILE MAINTAINING & MONITORING 500 PSI ON THE TBG-CSG ANNULUS. TREAT AS FOLLOWS:

- A) PUMP 6 BBLs 7 1/2 % HCL ACID* w/ 1000 SCF N₂/BBL.
- B) PUMP 18 BBLs 7 1/2 % HCL ACID* w/ 1000 SCF N₂/BBL DROPPING 1-1.1 SPG. RCNB FOR EACH BBL OF ACID PUMPED IN. (DROP 18 BALLS TOTAL)
- C) FLUSH w/ 21 BBLs 5% KCL FN w/ 1000 SCF N₂/BBL.

IF BALL-OFF OCCURS, SURGE BALLS OFF & CONTINUE w/ TREATMENT UNTIL COMPLETED.

* 24 BBLs (≈ 1000 GALS) OF 7 1/2 % HCL ACID WILL CONTAIN:

- 1) 50 GALS MUSOL-A
- 2) 2 GALS CLA-STA II
- 3) 10 GALS FE-1A
- 4) 2 GALS LO-SURF 259
- 5) 2 GALS MAI-50.

* SUGGEST TESTING LOWER PERFS w/o RBP IN HOLES. AFTER TESTING LOWER PERFS, THEN PUMP TOP ZONE, THEN RUN RBP. THE ELEMENT WE CAN KEEP A 9 5/8" RBP, WILL SURE HELP US RECOVER IT LATER. QJM

RECEIVED

MAR 2 1984

DIVISION OF
OIL, GAS & MINING

1/13/84

WELL NORRIS FEDERAL #1

PAGE # 3.

- ⑧ FLOW BACK & SWAB ACID RESIDUE. TEST WELL & REPORT RESULTS TO THE AREA OFFICE BEFORE PROCEEDING.
- ⑨ RELEASE PKR & RETRIEVE RBP. RESET RBP @ 6055' & TEST TO 2000 PSI.
- ⑩ SPOT 500 GALS OF $7\frac{1}{2}\%$ HCL ACID @ 6034'. ACID SHALL CONTAIN 25 GALS MUSOL-A; 1 GAL CLA STA II; 5 GALS FE-1A; 1 GAL LO-SURF 259; AND 1 GAL HAI-50 (CORROSION INHIBITOR FOR 72 HR. STABILITY.) POH W/ PKR & TBG.
- ⑪ RU WIRELINE UNIT W/ LUBRICATOR. GIH W/ 4" HOLLOW CARRIER CASING GUNS W/ CENTRAUZERS. PERF INTERVAL 6010'-6034' FROM TOP-DOWN W/ $2\frac{1}{2}$ " JHPF, 180° PHASED. (98 HOLES TOTAL). TIE INTO PREVIOUSLY RUN GR-OCL LOG FOR CORRELATION. POH W/ PERF GUNS. RD WIRELINE UNIT.
- ⑫ GIH W/ $9\frac{5}{8}$ " X $2\frac{7}{8}$ " PRODUCTION PKR, SN; & RETRIEVING HEAD ON $2\frac{7}{8}$ " TBG TO ±5925'. DROP S.V. & TEST TUBING TO 7000 PSI. FISH S.V. REVERSE 4 BBLs 5% KCL FW & SET PKR. ND BOP NU WH. INSTALL TREE SAVER. PRESSURE BS TO 500 PSI. PRESSURE UP SLOWLY ON TBG. TO BREAKDOWN PERFS, THEN PUT SPOT AWAY @ 1 BPM.

RECEIVED

MAR 2 1984

DIVISION OF
OIL, GAS & MINING

DATE 1/13/84

WELL NORRIS FEDERAL #1

PAGE # 4

(13) SWAB & TEST WELL. REPORT RESULTS TO THE AREA OFFICE PRIOR TO DOING THE BALL-OUT ACID JOB.

(14) RV HOWCO ACID & NITROGEN SERVICE. ACIDIZE INTERVAL 6010'-39'
@ 5 BPM AND/OR 4000 PSI. MAX SURFACE TREATING PRESSURE WHILE MAINTAINING & MONITORING 500 PSI ON THE TBG- CSG. ANNULUS. TREAT AS FOLLOWS:

A) PUMP 12 BBLs 7½ % HCL ACID* w/ 1000 SCF N₂/BBL

B) PUMP 72 BBLs 7½ % HCL ACID* w/ 1000 SCF N₂/BBL DROPPING 1- 1.1 SPG. RCNB FOR EACH BBL OF ACID PUMPED IN. (DROP 72 BALLS TOTAL)

C) FLUSH w/ 21 BBLs 5% KCL FW w/ 1000 SCF N₂/BBL.

IF BALLOUT OCCURS, SURGE BALLS OFF & CONTINUE w/ TREATMENT UNTIL COMPLETED.

* 84 BBLs (≈ 3500 GALS) OF 7½ % HCL ACID WILL CONTAIN:

1) 175 GALS MUSOL-A

2) 7 GALS CLA-STA II

3) 35 GALS FE-1A

4) 7 GALS LO-SURF 259

5) 7 GALS HAI-50

(15) FLOW BACK & SWAB ACID RESIDUE. TEST WELL & REPORT RESULTS TO THE AREA OFFICE PRIOR TO PROCEEDING w/ GRAC JOB.

DATE 1/13/84

WELL NORRIS FEDERAL #1

PAGE # 5

(16) R1) HOWCO FRAC SERVICE. FOAM FRAC THE CEDAR MOUNTAIN INTERVAL 6010' - 6034' @ 15 BPM COMBINED RATE AND/OR 7500 PSI MAXIMUM SURFACE TREATING PRESSURE WHILE MAINTAINING & MONITORING 1500 PSI ON THE BACKSIDE. TREAT AS FOLLOWS:

- A) PUMP 10,000 GALS 70% QUALITY FOAM PRE-PAD
- B) PUMP 15,000 GALS 70% QUALITY FOAM PAD
- C) PUMP 5,000 GALS 70% QUALITY FOAM PAD W/ 1" 20/40 SPG.
- D) PUMP 5,000 GALS 70% QUALITY FOAM PAD W/ 2" 20/40 SPG.
- E) PUMP 5,000 GALS 70% QUALITY FOAM PAD W/ 3" 20/40 SPG.
- F) PUMP 7,000 GALS 70% QUALITY FOAM PAD W/ 4" 20/40 SPG.
- G) PUMP 5,000 GALS 70% QUALITY FOAM PAD W/ 5" 20/40 SPG.
- H) FLUSH W/ 1700 GALS 70% QUALITY FOAM

(17) CLOSE IN FOR 1/2 TO 1 HOUR AND THEN BEGIN FLOWING BACK. FLOW TO PIT WHILE CLEANING UP, THEN SWITCH THRU TEST EQPMT. REPORT RESULTS TO THE AREA OFFICE.

FRAC FLUID COMPOSITION

10,000 GALS TOTAL PRE-PAD CONTAINING:

- | | |
|--------------------------------|-----------------|
| A) 2% KCL FW BASE FLUID | E) 30% METHANOL |
| B) 1 1/2 GALS / 1000 ENWAR 288 | F) 70% NITROGEN |
| C) 2 GALS / 1000 CLA-STA II | |
| D) 8 GALS / 1000 AQFI FOAMER | |

42,000 GALS TOTAL FRAC FLUID CONTAINING

- | | |
|--------------------------------|------------------------------|
| A) 2% KCL BASE FLUID | F) 2 GALS / 1000 LO-SURE 259 |
| B) 1 1/2 GALS / 1000 ENWAR 288 | F) BREAKER |
| C) 30" / 1000 WG-12 | G) 70% NITROGEN |
| D) 8 GALS / 1000 AQFI FOAMER | |

DATE 1/13/84WELL NORRIS FEDERAL #1PAGE # 6

1700 GALS TOTAL FLUSH CONTAINING:

- A) 2% KCL BASE FLUID
- B) FRICTION REDUCER (WLG-11)
- C) 70% NITROGEN
- D) 8 GALS/1000 AQFI FOAMER

⑧ RELEASE PKR, RETRIEVE RBP & ROH W/ TBG. GIH
W/ 9⁵/₈" X 2⁷/₈" PRODUCTION PKR & EL ON-OFF TOOL
W/ 2.312" PROFILE ON 2⁷/₈" J-55 PRODUCTION TBG.
TO ± 5925'. DROP BLANKING PLUG & TEST TUBING TO
7000 PSI. FISH PLUG. SET PKR. SWAB & TEST
WELL.

⑨ AFTER TESTING IS COMPLETED, DROP BLANKING PLUG
& SET IN EL TOOL @ 5925'. TEST PLUG TO 1000
PSI. STING OUT OF ON-OFF TOOL & CIRC. HOLE W/
CLEAN PKR. FLUID. STING BACK INTO ON-OFF TOOL.
ND BOP. NU WH. CLOSE IN WELL ACCORDING TO
BLM OR MMS INSTRUCTIONS. RD MD PU. CLEAN &
CLEAR LOCATION TO BLM REQUIREMENTS.

Steven S. Shuck
1/13/84

WRC 1/13/84

R.D. Pate
Area Engineer

Date: 1/13/84

Mike Shuck for S.M.R.
Area Geologist

Date: 1/13/84

Ch. M. Smith
Area Production Supt.

Date: 1-16-84

L.C. Corder
Area Manager

Date: 1-17-84

WELL DATA SHEET

WELL NO. NORRIS FEDERAL # 1 FIELD/POOL WILDCAT DATE 9/9/83
 CATION 820 FEET FROM NORTH LINE AND 2260 FEET FROM WEST LINE
 CTION 8, T-18-S, R-16-E COUNTY EMERY STATE UTAH

10 SX CEMENT
PLUG @ SURFACE

GE 6262
 KDB to GE 22
 DF to GE —

13 3/8" OD Surface Pipe
set @ 2432' w/ 2200 sx
Cmt. Circulated? YES
967' 13 3/8" 54.50 # J-55
1444' 13 3/8" 48# H-40
CMTD w/ 2000 SX CLASS "G"
w/ 14% GEL & 200 SX "G" NEAT
w/ 29% CACL. CIRC. 190 SX

Date Completed SPUD 12/29/73 P#A 6/21/74

Initial Formation WILDCAT - DRY HOLE -

From: — to — GOR —
 Initial: Production ☐ bopd — bwpd —
 Or: Injection ☐ bwpd @ — psi

Completion Data:

DST #1 6317'-6340' DAKOTA
 DST #2 7226'-7305' ENTRADA
 DST #3 9770'-9858' CACONINO
 DST #4 101070'-10130' ELEPHANT CANYON
 DST #5 13105'-13160' DESERT CREEK

SPOTTED CEMENT PLUGS AS SHOWN - P#A
AS A DRY HOLE

Subsequent Workover or Reconditioning:

Present Inj. ☐ bwpd @ — psi Date —
 Present Prod. ☐ bopd — bwpd Date —
 GAS — MCFFD —

Remarks Or Additional Data:

9 5/8" CMTD w/ 1400 SX CLASS "G" w/ 16% GEL, 3% 54
0.5% CFR-2 & 200 SX CLASS "G" w/ 0.75% CFR-2
LOST CIRCULATION DURING LAST 50 BBLs OF DISPLAC.
FOUND CEMENT IN BOTTOM OF BOP AND UNKNOWN
AMOUNT CIRCULATED.

POSSIBILITY OF CEMENT ACROSS
PROPOSED PERFORATED INTERVAL

PROPOSED PERFS CEDAR
MOUNTAIN
6010'-6034'
6075'-6081'

CEMENT PLUG 6480'-6380'

9 5/8" OD 40 # L7EC Thd
Gr. N-80 & K-55 Csg.

set @ 6487' w/ 1600 sx
Cmt Circulated? YES
TOC @ SURFACE

CEMENT PLUG 8226'-8075'

CEMENT PLUG 9525'-9375'

CEMENT PLUG 9825'-9675'

CEMENT PLUG 10750'-10600'

CEMENT PLUG 12750'-12650'

FISH IN HOLE @ 12750 TO 13463'
 19-7" DC'S, 4 ITS DP, 8 1/2" BIT
 TD 13,463 8 1/2" OH 6487' TO TD

WRC

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM APPROVAL OF OPERATIONS

COMPANY: GULF OIL CORPORATION
WELL: MORRIS FEDERAL #1
LOCATION: 820' FNL & 2260' FWL
Sec6,T18S,R16E
Emery County, Utah

RECEIVED
MAR 2 1984

1. Geological Formation at surface

Green River

2. Geological Markers from Open Hole Logs

Manco	2,373
Dakota	5,838
Cedar Mountain	6,008
Buckhorn	6,250
Morrison	6,347

**DIVISION OF
OIL, GAS & MINING**

3. Estimated Depth of Anticipated Water, Oil, Gas or Minerals.

Not applicable - well already has casing set. Casing to be perforated in Cedar Mountain.

4. Proposed Casing Program

None. 9 5/8" already set at 6487', no open hole to be entered.

5. Operator minimum specifications for Pressure Control.

See Exhibit "C".

BOP to be hydraulically tested to 1500 psi.

Pipe ram to be operationally checked each 24-hour period.

Blind rams each TOH.

Accessories and additional equipment to be installed as needed.

6. Type and characteristics of proposed circulating muds.

Casing to be circulated with 2% KCL FW. Well is then to be perforated, acidized and possibly fractured.

7. Auxiliary Equipment to be used.

a). Reversed unit and power swivel to drill surface plug.

b). Logging and perforating truck.

8. Testing Logging and Casing Program.

a). Well is to be perforated in Cedar Mountain.

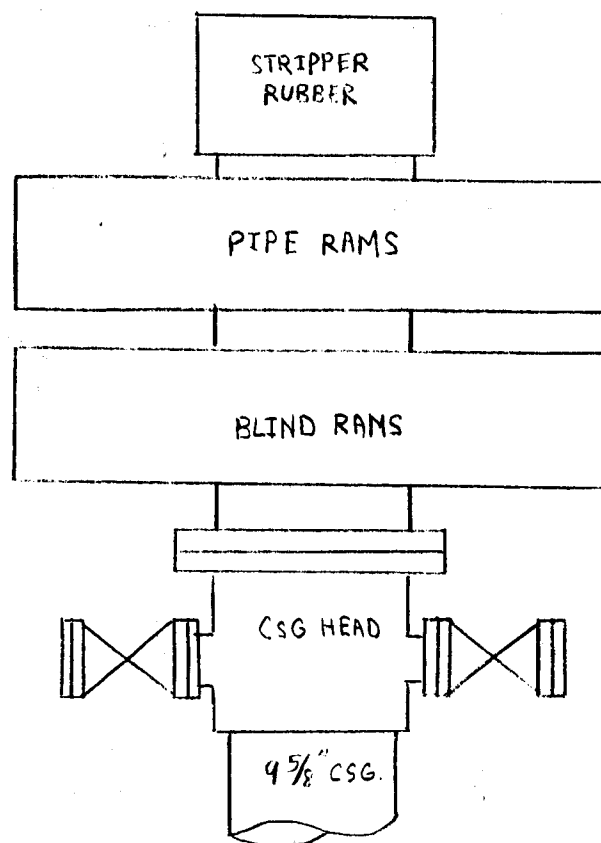
Perforation will be acidize and possible fractured.

b). GR/CLL 6400-4400 in 9 5/8" casing.

9. Any Anticipated Abnormal Pressures or Temperatures.
No abnormal pressures are expected. No H_2S or hazardous fluids expected.
10. Anticipated Starting Date and Duration of Operations.
The anticipated starting date is as soon as possible after approval. However, operation will not begin until weather conditions permit work without significant problems. Operations should be complete within 60 days after start.

PROPOSED RE-ENTRY BOP FOR NORRIS FEDERAL NO. 1

RECEIVED
MAR 2 1984
DIVISION OF
OIL, GAS & MINING



3000 PSI WORKING PRESSURE

1500 PSI TEST PRESSURE

MANUEL OPERATION

STRIPPER RUBBER IF NEEDED

3000 PSI TREE RUN WITH 2" ADJUSTABLE CHOKE
TO BE USED DURING TREATMENT.

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER
HOBBS AREA

January 10, 1984

P. O. Box 670
Hobbs, NM 88240

RECEIVED
MAR 2 1984

Bureau of Land Management
1360 East South Temple
Salt Lake City, Utah 84111

DIVISION OF
OIL, GAS & MINING

Attention: Bill Martin

Gentlemen:

The ~~Norris Federal No. 1~~ is presently a ~~plugged well~~ in ~~Sec. 8, T18S, R16E in Emery County, Utah~~. Gulf Oil plans to re-enter this well and test the Cedar Mountain Formation.

The procedure for doing this will require a surface flange to be installed on existing casing and surface plug drilled. No open hole or casing seat plug will need to be drilled.

Enclosed is an application to ~~re-enter~~ and a surface development plan. Please contact Lamar Ponder at Gulf Oil in Hobbs, NM (505) 393-4121, if any further information is needed. Your consideration in this matter is appreciated.

Yours very truly,

R. C. Anderson
R. C. ANDERSON

LP/ke

cc: Utah Board of Oil, Gas & Mining



A DIVISION OF GULF OIL CORPORATION

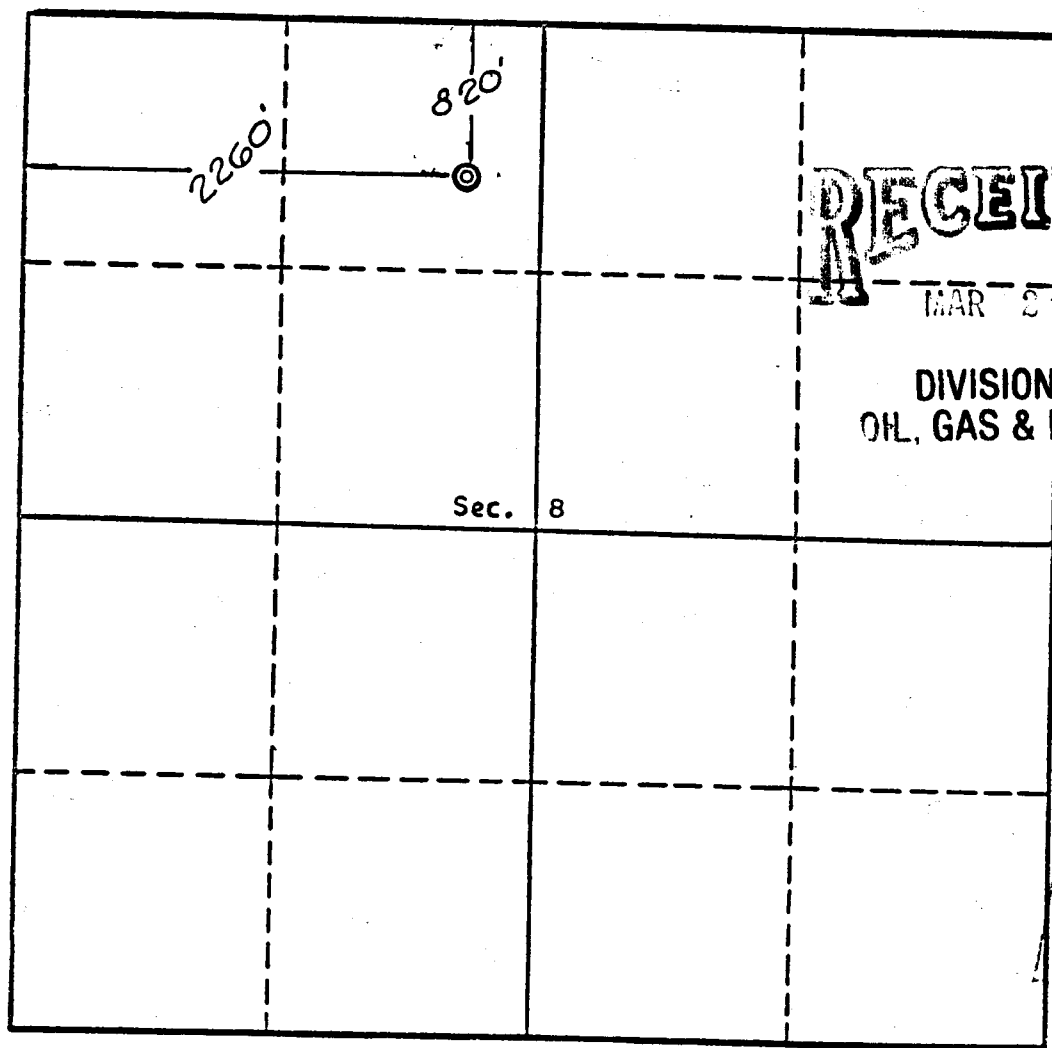
Company Gulf Oil Corporation

Well Name & No. Norris Federal #1

Location 820 feet from the North line and 2260 feet from the West line.

Sec. 8, T. 18 S., R. 16 E., S. L. M., County Emery, Utah

Ground Elevation 66 6262



RECEIVED
MAR 2 1964

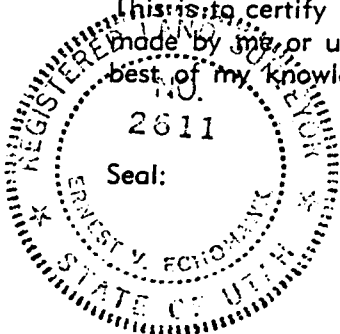
DIVISION OF
OIL, GAS & MINING

RECEIVED
DIV. OF OIL & GAS OPERATIONS
AUG 14 1973
U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UT

Scale, 1 inch = 1,000 feet

Surveyed August 5, 19 73

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



E. V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

Gulf Oil Corporation
Well Norris Federal #1
Sec. 8, T. 18 S., R. 16 E., SLB&M
Lease U-0145041 **30276**
Emery County, Utah

SUPPLEMENTAL STIPULATIONS (Stipulation number headings correspond to the appropriate section of the 13 point surface use plan in the APD).

1. All road access covered under the granted road right-of-way and on-unit to the fork in the road in the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 6, T. 18 S., R. 16 E. will be upgraded to BLM local (Class II) standards. The roads will be crowned and ditched or sloped with water bars where feasible. Ditches, waterbars, and culverts currently filled with sediments and debris will be opened. Existing berms of suitable material will be graded inward and used to build up the crown. Rough road surfaces due to exposed bedrock will be covered by soil and material.

The old access road in Sec. 6, 7, 8, T. 18 S., R. 16 E., will be graded and minimum drainage control assured. No widening will occur unless approved at the preconstruction onsite. If the well is productive the road will be upgraded to BLM resource road (Class III) standards. If the well is once more abandoned the BLM may require the road to be reclaimed at a future date when Gulf has no further need for it.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The road shall be maintained so that the travel surface is free of excessive ruts, holes, soft spots, slides, and washboards. The road drainages and shoulders shall be free of large rocks, vegetative debris, and slides. Drainage ditches shall be relatively free of sediments and not excessively eroded. Low water crossings shall be maintained.

During periods of weather when activity would result in deep rutting (6 inches or more) of the driving surface or excessive disturbance of the access roads, a stop work order may be verbally issued by the Authorized Officer with a follow-up written order. An authorization to resume work will be required.

4. Location of Tank Batteries and Production Facilities

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 2-1/2 times the storage capacity of the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations

will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. A temporary water use permit for this operation will be obtained from the Utah State Engineer.

7. The reserve pit will be fenced with woven wire with two strands of barbed wire on top before drilling starts. The fence will be kept in good repair while the pit is drying.

Residues and contaminated earth in the reserve pit may be required to be completely removed if, with reclamation, these substances would be near or exposed at the surface.

Produced waste water will be confined to a pit for a period not to exceed ninety (90) days after initial production. A pit for this purpose may be required to be lined by the BLM. During the ninety (90) day period, and application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

Sanitation facilities will be provided as required by the State of Utah.

9. A pre-reclamation onsite will be held between the Authorized Officer and the dirt contractor. The operator or his operator will notify the Price River Resource Area at least 48 hours before starting reclamation work and upon completion of restoration measures.

The reserve pit and that portion of the pad location not needed for production or production facilities will be reclaimed. The reserve pit will not be reclaimed until it is completely dry.

Seeding will occur around mid fall at a time specified by the Authorized Officer. Prior to seeding the ground will be scarified and left with a rough surface. If the seed is broadcasted, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. A seed mixture will be provided by the BLM. Reseeding may be required in the event of a prior seeding failure.

The BLM may require additional reclamation measures if necessary.

10. All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative and the dirt contractor to ensure compliance.

A preconstruction onsite will be held between the Authorized Officer and the dirt contractor.

Anticipated Starting Dates and Notifications of Operations:

The operator will contact the Price River Resource Area at (801) 637-4584, forty-eight (48) hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date (will/will not) be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P.O. Box 970, Moab, UT 95432.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the first conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from

the District Petroleum Engineer. A "Subsequent Report of Abandonment" (form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to ven/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160.5) will be filed for approval for all changes or plans and other operations in accordance with 43 CFR 3164.

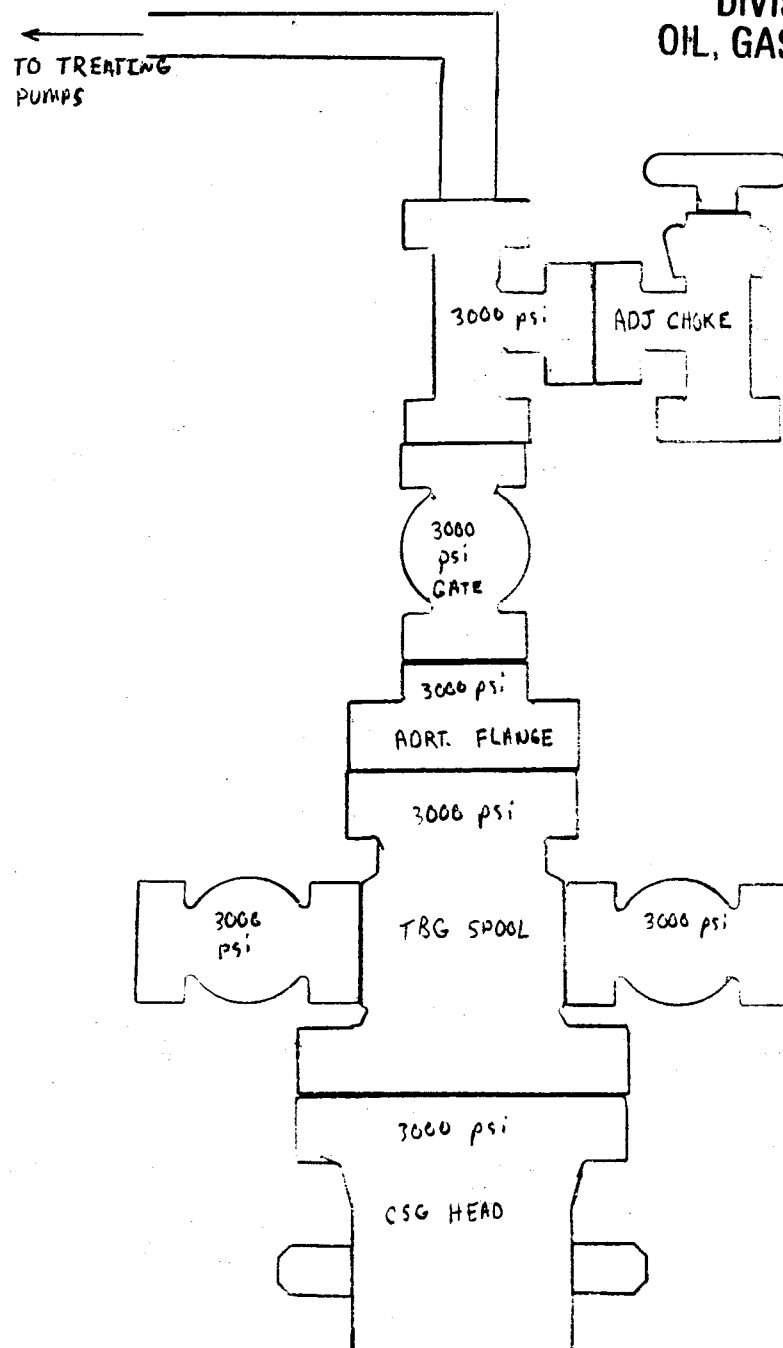
If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

3000 PSI TREE W/ 2" ADJ CHOKE
TREE SAVER WILL BE USED IF WELL FRACTURED.

RECEIVED
MAR 2 1984

DIVISION OF
OIL, GAS & MINING



Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER
HOBBS AREA

January 10, 1984

P. O. Box 670
Hobbs, NM 88240

Bureau of Land Management
136 East South Temple
Salt Lake City, Utah 84111

Attention: Bill Martin

Gentlemen:

RECEIVED
MAR 2 1984

**DIVISION OF
OIL, GAS & MINING**

This is the proposed surface development plan for the planned re-entry of the Norris Federal No. 1. This well is to be re-entered with a well servicing unit. A drilling rig will not be required.

- 1). Existing Roads: Only existing roads to this well will be used. Those which need to be upgraded will be improved.
- 2). Flowlines: If the well proves to be productive, then it shall be closed in awaiting a pipeline.
- 3). Water Supply: All formation treating fluid and water will be hauled in on transports.
- 4). All trash and debris will be buried a minimum of 2' underground after completion of work.
- 5). Location: A 200' X 200' pad will be cleared to move in pulling unit. A reserve pit will not have to be built. A small working pit will be built and lined.
- 6). Plans for Surface Restoration: Working pit will be emptied, filled and leveled. If the well is still not productive, then location cleanup and restoration as specified by BLM.

Yours very truly,

R. C. Anderson
R. C. ANDERSON

LP/ke



cc: Utah Board of Oil, Gas & Mining

EXHIBIT D

Multi-Point Requirements to Accompany APD

Gulf Oil Corporation
Norris Fed #1 (Re-entry)
820' FNL & 2260' FWL
Sec6,T18S,R16E
Emery County, Utah

RECEIVED
MAR 2 1984

**DIVISION OF
OIL, GAS & MINING**

1. Existing Roads

See Exhibit "F". All roads from BLM road to well will be improved if needed to facilitate safe movement of equipment to and from location. Location is 20 miles Southeasterly from the General Coal Mine on a bladed dirt oil service road; then Southernly 4 miles on existing road.

2. Planned Access Roads

No new roads will be required only upgrading of existing roads as needed as follows:

- a. width 18'
- b. max. grade 3%
- c. turnouts--none
- d. drainage design: if well is productive, access road will be upgraded to crown and ditch.
The maximum disturbance will be approximately 35'.
- e. Culverts - none planned.
- f. Surfacing materials - none.
- g. Gates, cattleguards, etc. - none
- h. n/a

3. Location of Existing Wells

- 1. Water wells: none
- 2. Abandoned well: one, this well
- 3. Temporarily abandoned wells: none
- 4. Disposal wells: none
- 5. Drilling wells: none
- 6. Producing wells: none
- 7. Shut-in well: one Range Creek Fed. #1
- 8. Injection wells: one
- 9. Monitoring or observation wells: none

4. Location of existing and/or proposed facilities.

- 1. Tank batteries: none
- 2. Production facility: none
- 3. Oil gathering line: none
- 4. Gas gathering lines: none
- 5. Injection lines: none
- 6. Disposal lines: none

5. Water Supply

- a. Water, as needed, will be hauled by tank truck from Range Creek in the SW 1/4 Sec. 22, T.17S, R16E, The distance is 7 miles.
- b. No pipelines are anticipated. Hauling will be on the roads shown in Exhibit "I".
- c. No water well will be drilled.
- d. All completion fluids will be hauled from closest source.

6. Source of Construction Materials

- a. No construction material, insofar as re-entry, will be needed.
- b. No construction materials obtained from Federal or Indian lands.
- c. Sands and gravel needed for road improvement will be obtained from private sources unless applications are made and amended otherwise. Any additional construction materials will consist of native rock and soil.
- d. No access road will be needed for construction materials from Indian or Federal lands.

7. Handling Waste Disposals

1. Drill cuttings, i.e. cement, will be buried in the working pit when dry.
2. Drilling fluids, i.e. water, will be handled in reverse unit and the working pit.
3. Any produced fluids during production tests will be collected in test tank. Any unavoidable spills will be cleaned up and removed.
4. Any sewage will be contained in a bore hole, chemically treated and covered with 2' of soil.
5. Garbage, wastes and non-flammable wastes will be handled in the trash pit. Salts and other chemicals produced or used during drilling and testing will be handled in the reserve pit and both pits will be covered with 2' of soil.
6. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any open pit will be fenced or covered. The trash pit will be enclosed with small wire mesh covering 3/4 of the top and all four sides to prevent scattering and remain until covered with 2' of soil.

7. Ancillary Facilities

No airstrip, camp or other facility will be built during the completion of the well.

8. Well Site Layout

1. Exhibit "G" is the drill pad layout on a scale of 1" = 50'. The disturbed area is approximately 200' x 200'.
- 2.& 3. Exhibit "G" is a layout of the pulling unit, pits, and trash pits. Parking and trailers will be along the north side of the area as shown. The access road will be from the west. Soil stockpiles are also shown on Exhibit "G".
4. The working pit will be lined.

9. Plans for Restoration

1. Backfilling, leveling and gentle sloping is planned and will be necessary as soon as possible after plugging. Waste disposal and spoils materials will be buried immediately after operations cease from completion.
2. The soil banked materials will be spread over the area and gentle sloping or contouring where cuts are made. Revegetation will be by planting of native vegetation to the area or some other combination as recommended by surface owner.

The access road to the drill pad will be revegetated. Any damages to present existing roads will be repaired as needed.

3. Prior to rig release, the pits will be fenced on the fourth side and so maintained until cleanup is accomplished and the pit is air-dry. The pit will have fencing on three sides during working.
4. If any oil is on the pits, and is not immediately removed after operations cease, then the pit will be flagged overhead for the protection of waterfowl and livestock.
5. The commencement of rehabilitation operations will begin as soon as possible after completion ceases. Planting will be planned as soon as possible once operations end.

10. Other Information

1. Topography: The area is characterized by shallow canyons, broad flat plateaus and rolling hills. The location is situated on a narrow bench with northerly drainage. Xmas Canyon forms an northern boundary and Turtle Canyon is located northerly of the location. Soil Characteristics and Geologic features: The soil is drab-colored, fine textured sandy clay. There are no distinct geologic features in the area.

Flora:

Big sagebrush, rabbitbrush and native bunch grasses constitute the largest percentage of flora in the area. The ground cover is approximately 45 - 55%.

Fauna:

Antelope, deer, coyotes, foxes, porcupine and jack rabbits make up most of the wildlife in the area.
Sheep and cattle are the domestic animals.

2. Type of Surface use activity:

The surface is used for the grazing of domestic animals.

Surface ownership of all involved lands:

Bureau of Land Management

3. Occupied dwellings:

None within a three-mile radius.

Archeological or historical sites: There are no known archeological or historical sites in the area. No new area is to be cleared for this re-entry. If requested by BLM an archeological survey will be conducted.

Proximity of Water:

Range Creek which forms part of the Green River watershed is located approximately 3.25 miles easterly of the drill site.

11. Lessee's or Operator's Representative.

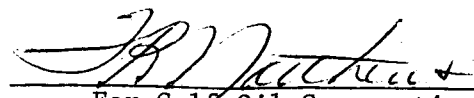
T. L. Ponder, Greg Bruton, Greg Salvo
Drilling Engineers
Gulf Oil Corporation
P.O. Box 670
Hobbs, NM 88240 (505) 393-4121

12. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Gulf Oil Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

2-28-84

Date


For Gulf Oil Corporation

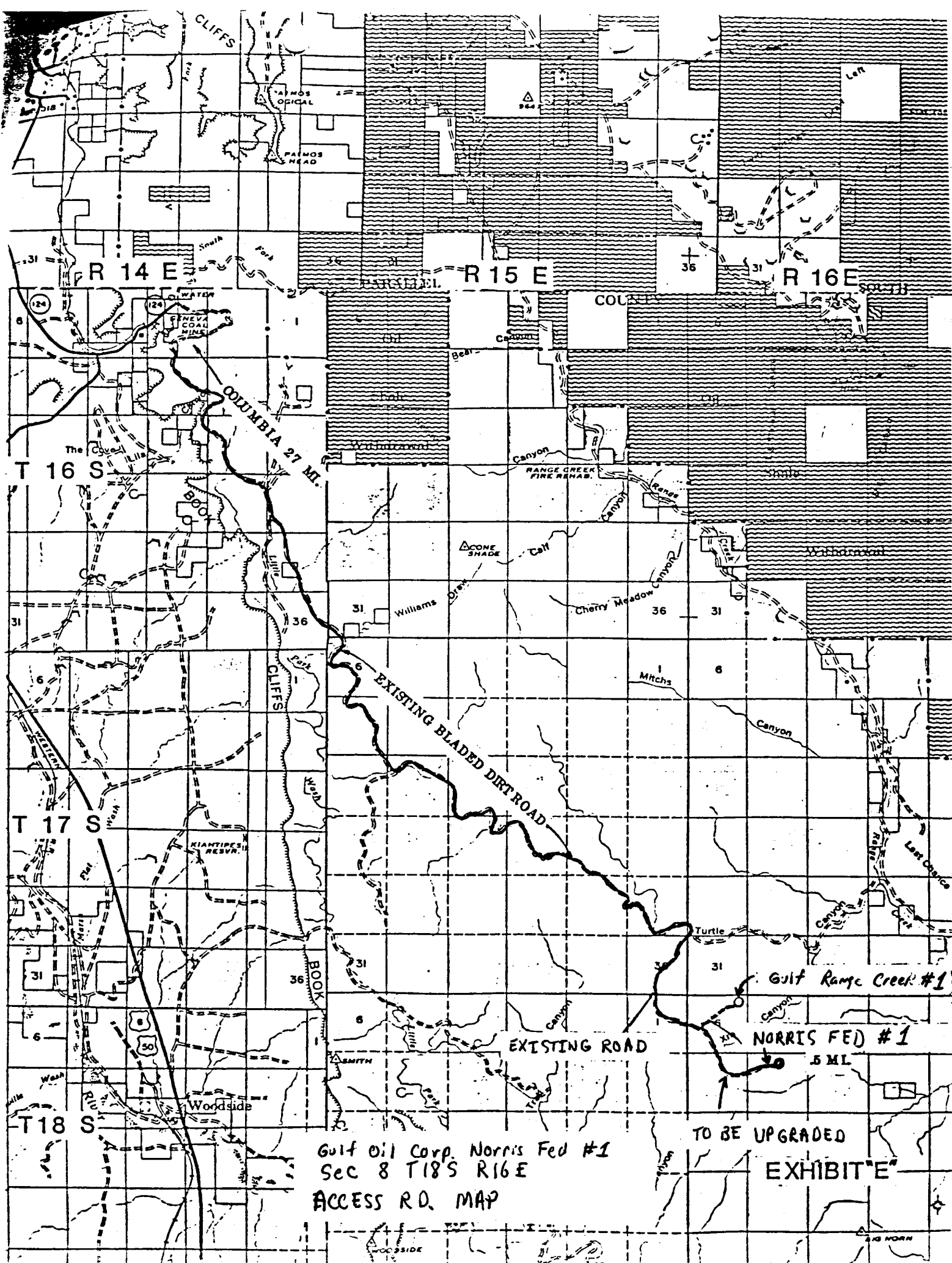
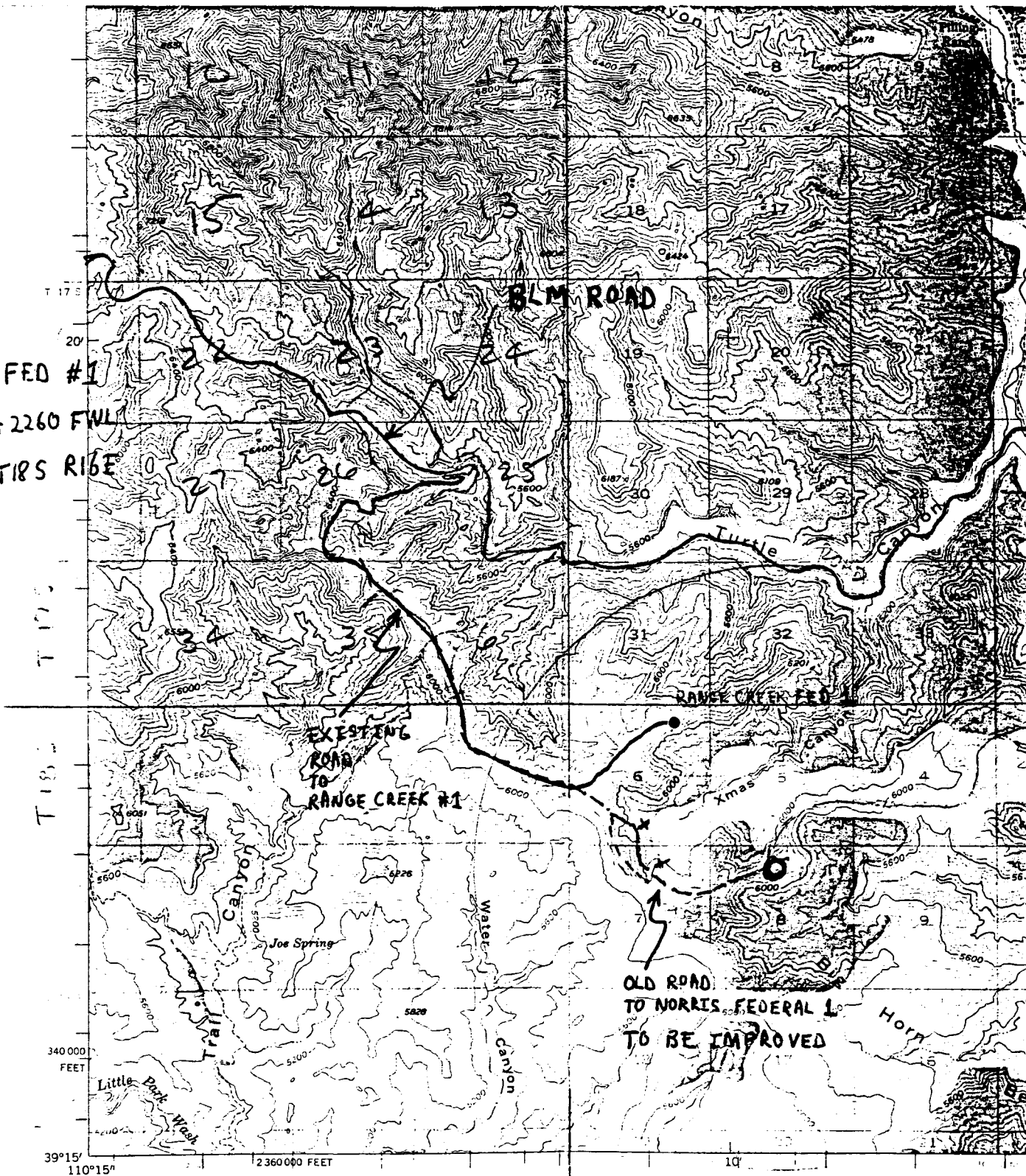


EXHIBIT "F"

NORRIS FED #1
820 FNL + 2260 FNL
SEC 8 T18S R16E



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

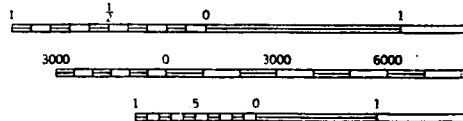
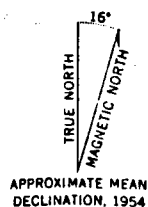
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Advance field check 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks,
zone 12, shown in blue



CONTOUR
CONTOUR INTERVAL
DATUM 15

THIS MAP COMPLIES WITH N
FOR SALE BY U. S. GEOLOGICAL SURVEY, I
A FOLDER DESCRIBING TOPOGRAPHIC N

DOG
HOUSE

TRAILER

COMPLETION LAYOUT

PIPE ROCKS

PULLING UNIT

WORKING PIT

TRASH
PIT

RECEIVED

MAR 2 1984

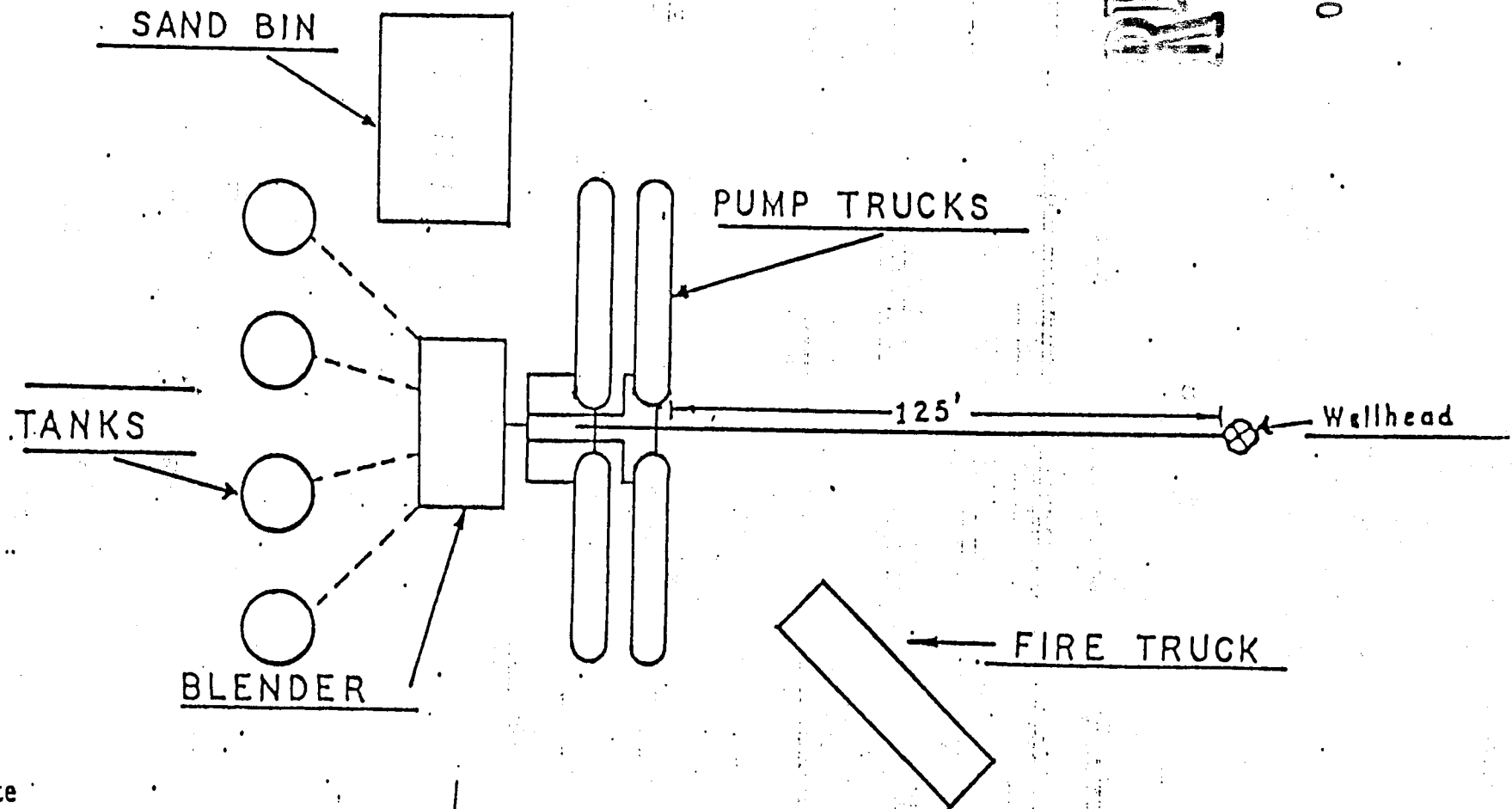
DIVISION OF
OIL, GAS & MINING

FLUID STIMULATION

RECEIVED

MAR 2 1984

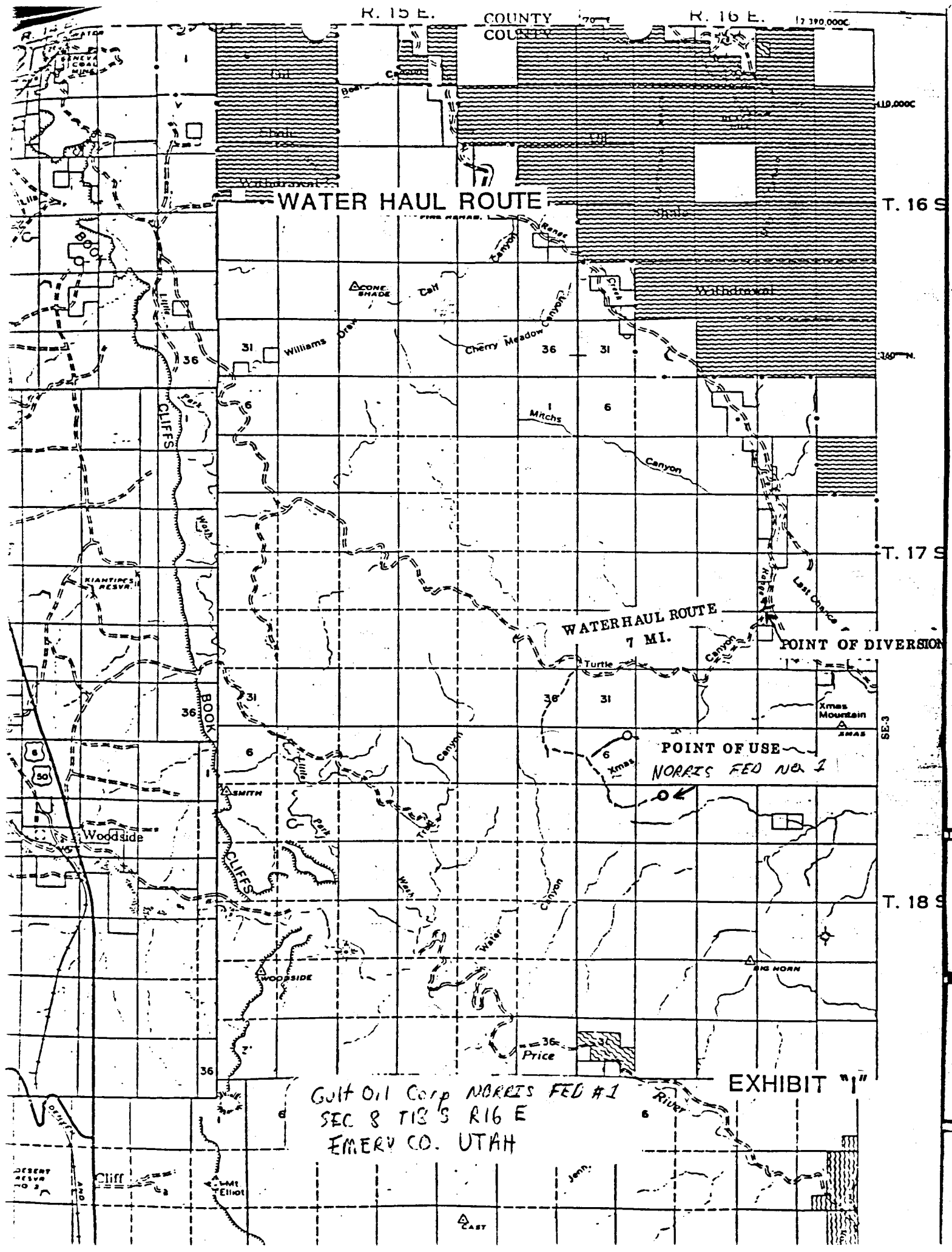
DIVISION OF
OIL, GAS & MINING



*Note

When hydrocarbons are used as a
fracing agent, storage tanks will
be a minimum of 75' from all other
equipment.

EXHIBIT "H"



GULF OIL Corp NORRIS FED #1
SEC 8 T13 S R16 E
EMERY CO. UTAH

EXHIBIT "I"

OPERATOR

Gulf Oil Corp.

DATE

3-2-84

WELL NAME

Corbis Fed. #1

SEC

NE NW 8

T

185

R

16E

COUNTY

Comery

Old No.

43-015-30014

API NUMBER

Fed

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

HL

☐☐

NID

☐

PI

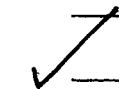
☐☐

MAP

☐☐

PROCESSING COMMENTS:

Need Water



APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

1- Water

☒

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒

AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒

VERIFY ADEQUATE AND PROPER BONDING

☐

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒

APPLY SPACING CONSIDERATION

☐

ORDER _____

☐

UNIT _____

☐

c-3-b

☐

c-3-c

☐

CHECK DISTANCE TO NEAREST WELL.

☐

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☐

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☐

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

March 6, 1984

Gulf Oil Corporation
P. O. Box 670
Hobbs, New Mexico 88240

RE: Norris Fed. #1
NE1/4 Sec. 8, T. 18S, R. 16E
820' PNL, 2260' PNL
Emery County, Utah

Gentlemen:

Approval to re-enter the above referenced gas well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

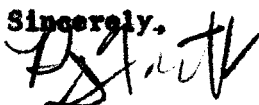
1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-015-30014.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJP/as
cc: Branch of Fluid Minerals
Encl.

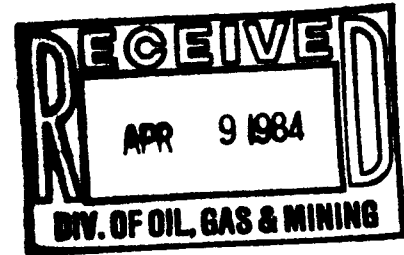
R.J.

Gulf Oil Exploration and Production Company

April 6, 1984

R. C. Anderson
PRODUCTION MANAGER
HOBBS AREA

P. O. Box 670
Hobbs, NM 88240



Bureau of Land Management
Fluid Minerals Division
P.O. Box 970
Moab, Utah 84111

Attention: Carol Freudiger

Re: Application to re-enter
Norris Federal Well No.1
Cedar Mountain Field
Emery County, Utah

Gentlemen:

Accompanying this letter is an amended application to re-enter the Norris Federal #1. The necessary correction is per conversation with Carol Freudiger of your office.

If any further information is needed, please contact Lamar Ponder at Gulf in Hobbs, NM (505) 393-4121. We appreciate your cooperation in this matter.

Yours very truly,


R. C. ANDERSON

LP/ke
Attachment

cc: Utah Board of Oil, Gas & Mining



A DIVISION OF GULF OIL CORPORATION



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

74 West Main Street • P.O. Box 718 • Price, UT 84501 • 801-637-1303

July 16, 1984

Waldo Wilcox
P.O. Box 337
Green River, Utah 84525

Re: Temporary Change Application No. 84-91-17

Dear Mr. Wilcox:

The above numbered Temporary Change Application has been approved.
A copy is herewith returned to you for your records and future
reference.

Sincerely,

A handwritten signature in black ink, reading "Mark P. Page". The signature is written in a cursive, flowing style.

Mark P. Page
Area Engineer
for Dee C. Hansen, P.E.
State Engineer

Enclosure

DCH/MPP/mjk



STATE OF UTAH
NATURAL RESOURCES
Water Rights

74 West Main Street • P.O. Box 718 • Price, UT 84501 • 801-637-1303

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

Handwritten signature

RECEIVED

JUL 18 1984

**DIVISION OF OIL
GAS & MINING**

July 16, 1984

Div. of Oil, Gas & Mining
Attn: Arlene Sollis
4241 State Office Building
Salt Lake City, Utah 84114

Re: Temporary Change Application No. 84-91-17

Dear Mrs. Sollis:

Enclosed please find a copy of the above referenced Temporary Change Application. This copy is for your records and future reference.

If you have any questions, please feel free to contact our office.

Sincerely,

Handwritten signature of Mark P. Page

Mark P. Page
Area Engineer

Enclosure

MPP/mjk

RECEIVED

JUL 18 1984

Form 111 8-61-2M

DIVISION OF OIL
GAS & MINING

APPLICATION NO. 84-91-17
DISTRIBUTION SYSTEM

Application For Temporary Change of Point of Diversion,
Place or Purpose of Use
STATE OF UTAH

JUL 16 1984

(To Be Filed in Duplicate)

STATE ENGINEER
PRICE, UTAH

Price, Utah July 17, 1984 19
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use
(Strike out written matter not needed)

of water, the right to the use of which was acquired by 91-191 (23052) Cert. No. 7701
(Give No. of application, title and date of Decree and Award No.)
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of
facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is Ray Wilcox & Sons
2. The name of the person making this application is Waldo Wilcox
3. The post office address of the applicant is Box 337 Green River, Utah 84525

PAST USE OF WATER

4. The flow of water which has been used in second feet is 2.50
5. The quantity of water which has been used in acre feet is
6. The water has been used each year from March 1 to November 1, incl.
(Month) (Day) (Month) (Day)
7. The water has been stored each year from to , incl.
(Month) (Day) (Month) (Day)
8. The direct source of supply is Range Creek in Emery County.
9. The water has been diverted into ditch at a point located 1) N. 580 ft. &
E. 1740 ft. from W $\frac{1}{4}$ Cor. Sec. 4, T17S, R16E, SLB&M; 2) N. 280 ft. & W. 1050 ft.
from SE Cor. Sec. 4, T17S, R16E, SLB&M.
10. The water involved has been used for the following purpose: Irrigation: 10.2 acs. NE $\frac{1}{4}$ SE $\frac{1}{4}$; 4.7 acs.
SE $\frac{1}{4}$ SE $\frac{1}{4}$; 5.0 acs. SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4, T17S, R16E, SLB&M. 10.8 acs. NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 9,
T17S, R16E, SLB&M. Total 30.30 acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give
place and purpose of use.

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is
12. The quantity of water to be changed in acre-feet is 4.0
13. The water will be diverted ~~into the~~ from Range Creek ditch at a point located S. 800 ft. & E.
1600 ft. from the NW Cor. Sec. 27, T17S, R16E, SLB&M.
14. The change will be made from July 16 19 84 to July 15 19 85
(Period must not exceed one year)
15. The reasons for the change are provide exploration drilling water
16. The water involved herein has heretofore been temporarily changed 1 years prior to this application.
(List years change has been made)
17. The water involved is to be used for the following purpose: Exploration drilling and road watering.
1) Norris Federal #1 - NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8, T18S, R16E, SLB&M. 2) Range Creek Federal #2 -
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1, T18S, R15E, SLB&M. Total acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

EXPLANATORY

This temporary change application is being filed to provide water for
drilling the above referenced exploration well. The remaining water in the
original right will be used as heretofore.

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or ad-
vertising this change, or both, upon the request of the State Engineer.

Waldo Wilcox
Signature of Applicant

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50 Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. _____ (River System)

1. _____ Application received by Water Commissioner _____ (Name of Commissioner)

Recommendation of Commissioner _____

2. July 16, 1984 Application received over counter by mail in State Engineer's Office by SR

3. _____ Fee for filing application, \$7.50 received by _____ ; Rec. No. _____

4. _____ Application returned, with letter, to _____, for correction.

5. _____ Corrected application resubmitted over counter by mail to State Engineer's Office.

6. _____ Fee for investigation requested \$ _____

7. _____ Fee for investigation \$ _____, received by _____ ; Rec. No. _____

8. _____ Investigation made by _____ ; Recommendations: _____

9. _____ Fee for giving notice requested \$ _____

10. _____ Fee for giving notice \$ _____, received by _____ ; Rec. No. _____

11. _____ Application approved for advertising by publication by mail _____

12. _____ Notice published in _____

13. _____ Notice of pending change application mailed to interested parties by _____ as follows:

14. _____ Change application protested by _____ (Date Received and Name)

15. _____ Hearing set for _____, at _____

16. 7-16-84 Application recommended for rejection approval by SR

17. 7-16-84 Change Application rejected approved and returned to WALDO WILLIAMS

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

- _____
- _____
- _____

State Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐ Re-Ente- DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Box 670 Hobbs NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

R20 FNL' + 2260' FNL Sec 8 18S 16E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 35 miles SE of Dragerton Utah

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

13. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

7193

19. PROPOSED DEPTH

6480

20. ROTARY OR CABLE TOOLS

Well Service Unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GLE: 6262'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

RECEIVED

JUL 23 1984

DIVISION OF OIL
GAS & MINING

No New casing to be set
Existing 9 5/8" set @ 6480
Formation test inside this pipe
BOP will be 3000 psi WP tested to 1500 psi.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

L. P. Anderson

TITLE

Area Production Mgr.

DATE

1-10-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐ *Re-Enter* DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Box 670 Hobbs NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

820 FNL + 2260 FNL Sec 8 T18S R16E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx 35 miles SE of Dragerton Utah

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.*7193*

16. NO. OF ACRES IN LEASE

480

19. PROPOSED DEPTH

*6480*17. NO. OF ACRES ASSIGNED
TO THIS WELL*40*

20. ROTARY OR CAULE TOOLS

Well Service Unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

RECEIVED

JUL 23 1984

DIVISION OF OIL
GAS & MINING*no new casing to be set.**Existing 9 5/8" set @ 6487**Formation Test inside this pipe**BOP will be 3000 psi WP tested to 1500 psi.*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R. C. Anderson

TITLE

AREA BRD MGR.

DATE

4-6-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

/s/ GENE NODINE

TITLE

DISTRICT MANAGER

DATE

19 JUL 1984

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

SUBJECT TO RIGHT OF WAY
APPROVAL

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved
Budget Bureau No. 42-11124
3. LEASE DESIGNATION AND SERIAL NO.

11 30276

4. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. ☒ OIL
WELL ☐ GAS
WELL ☒ OTHER

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

820' FNL + 2260' FWL

RECEIVED

SEP 12 1984

DIVISION OF OIL
GAS & MINING

5. UNIT AGREEMENT NAME

6. LAND OR LEASE NAME

Norris Federal

7. WELL NO.

10. FIELD AND TOOL, OR WILDCAT

Cedar Mountain

11. SEC. T. R. M. OR ALR AND
SUBV. OR AREA

Sec 8-18S-16E

12. COUNTY OR PARISH 13. STATE

Emery Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, BT, CR, etc.)

6262' GH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) 62-entry

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Dig out 9 7/8" csg 5 1/2' below G.L. Jag cmt @ 5546'. Drl cmt
5546-5753'. Circ clean. 1st csg 1500#-ok. Drl 5753-5812'. 1st
csg 1500#-ok. Log 6168-5000'. Perf 9 7/8" csg 6075-6081' w/ (2) 1/2"
JHPT Spot 250 gal 7.5% acid @ 6081'. ISIP 1700#. Swab. Acq
w/ 24 lbs 7 1/2% NEA + 24 RCNB's. AIR 5BPM, ISIP 3500#. Swab.
Perf 6010-6034' w/ (1) 1/2" JHPT. Spot 500 gals 7 1/2% NEFE. ISIP
1550#. Swab. Ppd 3500 gals 2 1/2% NEFE + injec 36 RCNB's.
AIR 5BPM, ISIP 3000#. Swab. RHA w/ 2 7/8" thg, PN, X-over,
pk, on-off tool; land thg @ 5967', pk @ 5937'.
Inac w/ 52,400 gals pad + 18 RCNB's. AIR 15BPM @ 7000#. Well C1
pending connection.

SIGNED

R. R. Pite

TITLE

Area Engineer

DATE

9-7-84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

CONFIDENTIAL
UNITED STATES SUBMIT IN DUPLICATE*DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R345.6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U 30276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Norris Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Cedar Mountain

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 8-18S-16E

12. COUNTY OR
PARISH

Emery

13. STATE

Utah

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW
WELL ☐WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

Other

ReEntry

2. NAME OF OPERATOR

Gulf Oil Corp.

3. ADDRESS OF OPERATOR

P.O. Box 670, Hobbs NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 820' FNK + 2260' FWL NENW ✓

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-015-30014

DATE ISSUED

13-6-84

15. DATE SHUT IN

8-5-84

16. DATE T.D. REACHED

-

17. DATE COMPL. (Ready to prod.)

8-20-84

18. ELEVATIONS (DP, RES. ST. OR, ETC.)*

6262' 6" L

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

6229'

21. PLUG, BACK T.D., MD & TVD

-

22. IF MULTIPLE COMPL.,
HOW MANY*

Single

23. INTERVALS
DRILLED BY

D-6229'

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6010'-6081' Dakota-Cedar mtn (DK-cm)

25. TYPE ELECTRIC AND OTHER LOGS RUN

None

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"		2432'	11 1/2"	2200 24	
9 5/8"		6487'	12 1/4"	1600 24	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					27 1/8"	5967'	-

30. PERFORATION RECORD (Interval, size and number)

6075'-81' 4 1/2" 1/2"
6010'-34' 4 1/2" 1/2"

31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6075-81'	250 gal 7 1/2% 24 Wels 7 1/2% 24 RCNB
6010-34'	3500 gal 2 1/2% 42 RCNB
6010-81'	2700 gal acid, 44, 175# 20/40 sand, 18 RCNB

32. PRODUCTION

DATE FIRST PRODUCTION 8-20-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 8-25-84	HOURS TESTED 24	CHOKED SIZE W.O.	PROD'N. FOR TEST PERIOD →	OIL—BSL. 0	GAS—MCF. 275	WATER—BSL. 0	GAS-OIL RATIO —
FLOW, TUBING PRESS. 40#	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BSL. 0	GAS—MCF. 275	WATER—BSL. 0	OIL GRAVITY-API (CORR.) —	

33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Waiting on Connection

TEST WITNESSED BY

34. LIST OF ATTACHMENTS

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

R. P. Pite

TITLE

AREA ENGINEER

DATE

* (See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
1. SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Mancoos	2370	
				Dakota	5838	
				Cedar Mountain	6040	
				Buckhorn	6318	
				Morrison	6346	



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 25, 1985

Gulf Oil Corporation
P O Box 670
Hobbs, New Mexico 88240

Gentlemen:

Re: Norris Federal #1 - Sec. 8, T. 18S., R. 16E
Emery County, Utah - API #43-015-30014

Our records indicate that you have not filed drilling reports for the months of September 7, 1984 to completion on the re-entry of the above referred to well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

This letter is also to advise you that the "Well Completion or Recompletion Report and Log" for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than March 22, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Claudia L. Jones
Well Records Specialist

Enclosures
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0087S/75



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 25, 1985

Gulf Oil Corporation
P O Box 670
Hobbs, New Mexico 88240

*comp 2-20-85
for [unclear]
[unclear]*

Gentlemen:

Re: Norris Federal #1 - Sec. 8, T. 18S., R. 16E
Emery County, Utah - API #43-015-30014

Our records indicate that you have not filed drilling reports for the months of September 7, 1984 to completion on the re-entry of the above referred to well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

This letter is also to advise you that the "Well Completion or Recompletion Report and Log" for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than March 22, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Claudia L. Jones

Claudia L. Jones
Well Records Specialist

Enclosures
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0087S/75

RECEIVED

MAR 04 1985

**DIVISION OF OIL
GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Range Creek
2. NAME OF OPERATOR Chevron U.S.A. Inc.		8. FARM OR LEASE NAME Norris Federal
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820' FNL 2260' FWL		10. FIELD AND POOL, OR WILDCAT Cedar Mountain
14. PERMIT NO.		11. SEC., T., R., E., M., OR BLK. AND SURVEY OR AREA Sec 8, T18S, R16E
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		12. COUNTY OR PARISH Emery
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Well Status <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Norris Federal #1 has been shut-in since 8/20/84 pending a pipeline connection. The pipeline is approximately 15 miles away. Since this well will remain SI w/o pipeline connection for several years, we request an exemption from filing a monthly operating report and would prefer to file a yearly report until the well is connected.

4-22-86

RECEIVED
APR 21 1986
DIVISION OF
OIL, GAS & MINING

Norm,
I don't think this applies to us because they must still show lack of production on monthly report for us.

IRB

18. I hereby certify that the foregoing is true and correct

SIGNED <i>L. L. Finkpatrick</i>	TITLE Associate En	DATE APR 22 1986
(This space for Federal or State office use)		Specialist
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-30276
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Range Creek
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 820' FNL 2260' FWL		8. FARM OR LEASE NAME Norris Federal
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Cedar Mountain
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8, T18S, R16E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Well Status	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The Norris Federal #1 has been shut-in since 8/20/84 pending a pipeline connection. The pipeline is approximately 15 miles away. Since this well will remain SI w/o pipeline connection for several years, we request an exemption from filing a monthly operating report and would prefer to file a yearly report until the well is connected.

RECEIVED
APR 21 1986

DIVISION OF
OIL, GAS & MINING

3 - BLM
3 - STATE
1 - BJK
2 - MJM
3 - GHW
1 - LLK

18. I hereby certify that the foregoing is true and correct

SIGNED L. L. Finkpatrick

TITLE Associate Environmental Specialist

DATE April 16, 1986

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Norm -

2 files on one well (Re-Entry).
What to do? Should we put
them together? *pk. YES* - *Norm*
6-6-86

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ FILE ☒ WATER SANDS ☒ LOCATION INSPECTED

SUB. REPORT/abd.

6-25-71

* Operator name change 5-8-86
Completion on Re-Entry 8-20-84

DATE FILED 8-13-73

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

0145041

INDIAN

DRILLING APPROVED: 8-14-73

SPUDDED IN: *12-1-73* ** Re-Entry*

COMPLETED: *5-1-86* PUT TO PRODUCING:

INITIAL PRODUCTION: ** 275 MCF*

GRAVITY A.P.I.

GOR:

PRODUCING ZONES: *6010-81 Dakota-Cedar mtn*

TOTAL DEPTH: *15465*

WELL ELEVATION: *6285 KB*

DATE ABANDONED: *5-1-86*

FIELD: *Wildcat*

UNIT:

COUNTY: *Emery*

WELL NO. *NORRIS FEDERAL #1*

APT. NO: *NE 43-015-30014*

LOCATION *820'* FT. FROM (N) ~~BY~~ LINE, *2260'*

FT. FROM ~~BY~~ (W) LINE. *SW NW NW 1/4-1/4 SEC. 8*

TWP. RGE. SEC. OPERATOR

TWP.

RGE.

SEC.

OPERATOR

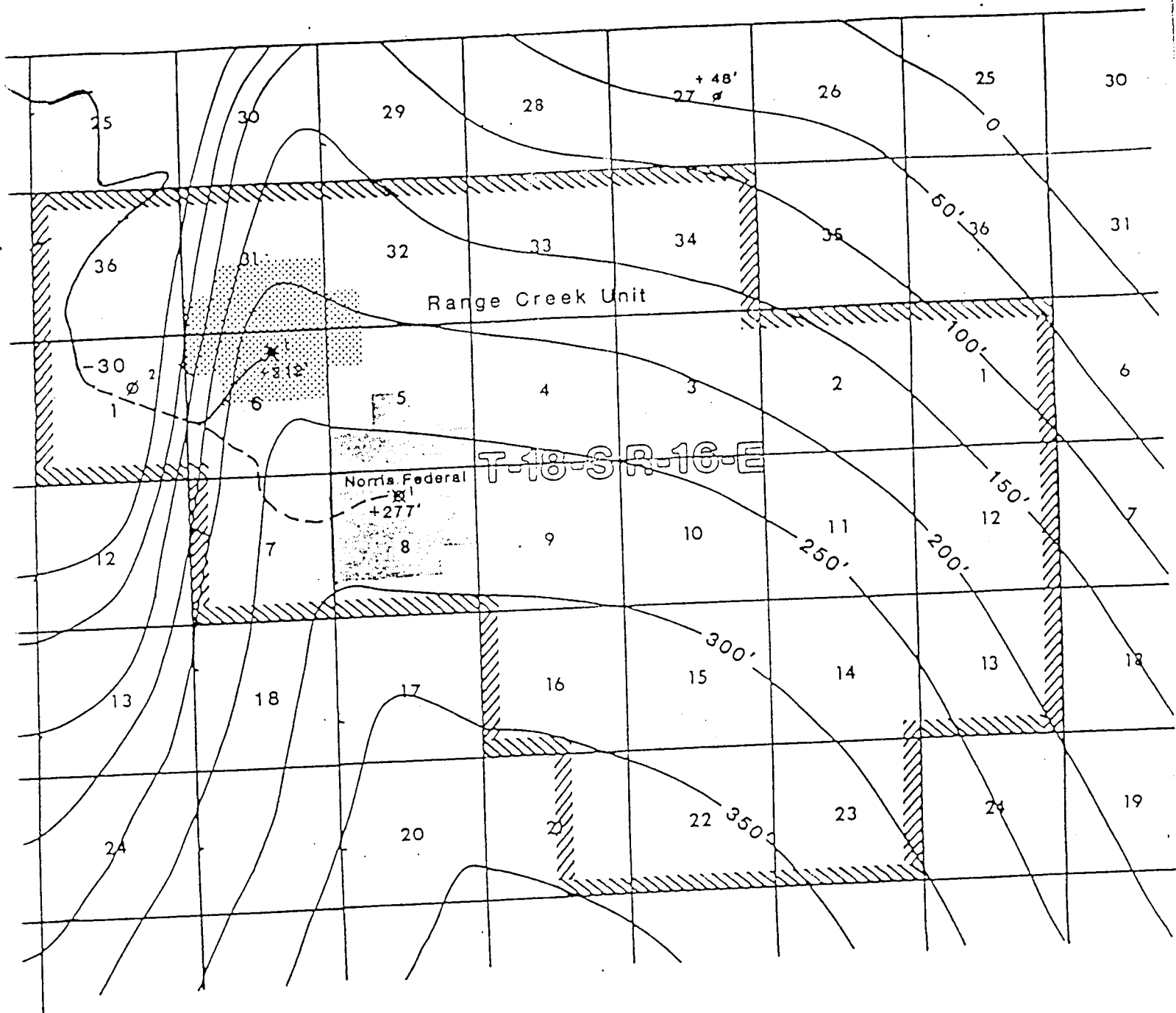
18 S

16 E

8

Chelon USA
GULF OIL CORPORATION

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humburg
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Paradox	Lynch
Current Creek	Moab Tongue	Isma	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akahi	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



<p>Location Map</p>	<p>LEGEND</p> <ul style="list-style-type: none"> • Oil ✱ Gas ∅ Dry & Abn. △ Injection 	<p>Initial Participating Area</p> <p>Second Participating Area</p>	<p>NORTHWEST AREA Undesignated Cedar Mountain Emery County, Utah</p> <p>Gulf Range Creek Federal Unit Structure T/Cedar Mountain</p> <p>C.I. = 50' Scale: 1" = 1 Mile</p> <p>Geologist D.P. Jordan</p>	
---------------------	---	--	---	--



Chevron U.S.A. Inc.

Overthrust Area Office, P. O. Drawer AA, Evanston, WY 82930

T. L. Perryman

Area Operations Superintendent

RECEIVED
UTAH STATE OFFICE
1987 FEB 27 AM 10:00

February 13, 1987

DEPT. OF INTERIOR
BUREAU OF LAND MGMT.

RECEIVED
APR 06 1987

DIVISION OF
OIL, GAS & MINING

1987 Plan of Development and
1986 Review of Operations
Range Creek Federal Unit
Emery County, Utah

Branch of Fluid Minerals
Utah State Office
324 South State St., Suite 301
Salt Lake City, UT 84111-2303

Attention: Chief, Branch of Fluid Minerals

ACCEPTED - EFFECTIVE APR 1 1987
[Signature]
CHIEF, BRANCH OF FLUID MINERALS
BUREAU OF LAND MANAGEMENT

Gentlemen:

Chevron U.S.A. Inc., operator of the Range Creek Federal Unit, submits the following Plan of Development for 1987 and the Summary of Operations for 1986 for your approval.

Summary of Operations

No new wells were drilled and no workovers were performed within the unit during 1986.

Well Status December 31, 1986

Active Producers	0	
Inactive Producers	2	(SIWOPL)
Plugged and Abandoned	1	
TOTAL	3	

Plan of Development for 1987

Chevron U.S.A. Inc., plans no additional development wells or workovers within the Range Creek Federal Unit for the year 1987. No significant changes are planned for 1987 due to the declining gas market, the uncertainty of continued marketability of our present production and the economics necessary to justify wells in the area.

DGM

Branch of Fluid Minerals

-2-

RECEIVED
STATE OFFICE

February 13, 1987

1987 FEB 27 AM 10:00

DEPT. OF INTERIOR
BUR. OF LAND MGMT.

Approved Participating Areas

<u>Name</u>	<u>Effective Date</u>	<u>Acres</u>	<u>Wells</u>
Initial Participating Area	12-26-82	632.47	Range Creek Federal #1 359' FNL/2074' FEL Sec. 6, T18S-R16E Completed 3-28-83
Second Participating Area (A)	8-20-84	640	Norris Federal #1 820' FNL/2260' FEL Sec. 8, T18S-R16E Recompleted 8-25-84

Pending Extensions/Approvals

None.

Chevron U.S.A. Inc.
Unit Operator

By


T. L. Perryman

AJW/gp
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deep-
Use "APPLICATION FOR PERMIT--"

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Chevron U.S.A. Inc., Room 13097

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

820' FNL & 2,260' FWL NE $\frac{1}{4}$ NW $\frac{1}{4}$

RECEIVED
AUG 21 1989

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-30276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Range Creek

8. FARM OR LEASE NAME

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Cedar Mountain

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 8, T18S, R16E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. PERMIT NO.
API 43-015-30014

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,262' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☒

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to workover well as follows:

1. MIRU WSU. Set BPV. ND WH. NU & tst BOPE.
2. POOH w/pkr & prod tbq.
3. Clean out to PBTD @ \pm 6,380' w/bit & scraper.
4. Reperf 6,010'-34', 6,075'-81' w/4 spf.
5. Set pkr @ \pm 5,900'. Set BPV. ND BOPE. NU & tst tree. POOH w/BPV.
6. Conduct pre frac injectivity test. Run tracer/temp log across interval before and after frac.
7. Frac perfs 6,010'-34' & 6,075'-81' w/70 Q foam.
8. Flow back or swab to clean up.
9. Set BPV. RD WSU. TWOTP.

3-BLM
3-State
1-EEM
1-MKD
2-Drlg.
1-File

OIL AND GAS	
DRN	RJF
JRB ✓	GLH
DTS	SLS
2-TAS	
3-MICROFILM ✓	
4-FILE	

18. I hereby certify that the foregoing is true and correct.

SIGNED

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

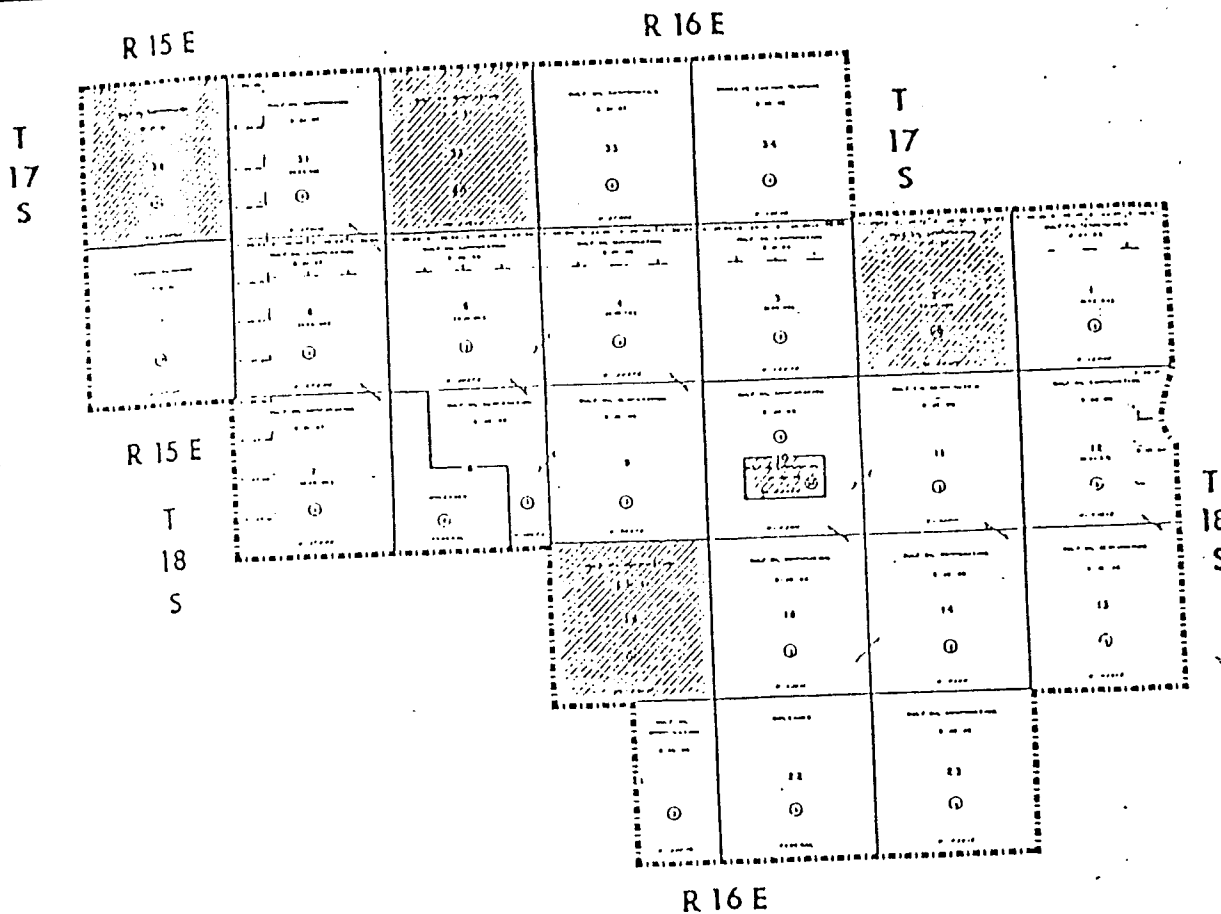
*See Instructions on Reverse Side

ACCEPTED BY THE STATE
OF UTAH
OIL, GAS, AND MINING

DATE: 8-28-89

By: John R. Dye

DATE 8-17-89



	ACREAGE	PERCENTAGE
FEDERAL LANDS	12,000.00	65.00 %
STATE LANDS	2,500.00	14.00 %
TOTAL	14,500.00	100.00 %

① TRACT NUMBER
--- UNIT OUTLINE

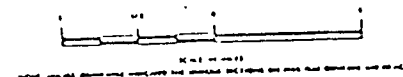


EXHIBIT "A"
RANGE CREEK UNIT AREA
EMERY COUNTY, UTAH

GULF OIL CORPORATION
HOUSTON, TEXAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Chevron U.S.A. Inc., Room 13097

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
820' FNL & 2,260' FWL NE $\frac{1}{4}$ NW $\frac{1}{4}$

14. PERMIT NO.
API 43-015-30014

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,262' GL

5. LEASE DESIGNATION AND SERIAL NO.
U-30276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Range Creek

8. FARM OR LEASE NAME
Norris Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Cedar Mountain

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 8, T18S, R16E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(Other) ☒ Revise Sundry Notice

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other) ☐
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Sundry Notice dated 8-17-89 to Workover well:

#8 Farm or Lease Name should read Norris Federal

OIL AND GAS	
DRN	RJF
1-JRB ✓	GLH
DTS	SLS
2-TAS	
3-MICROFILM ✓	
4-FILE	

3-BLM
3-State
1-EEM
1-MKD
2-Dr1g.
1-File

18. I hereby certify that the foregoing is true and correct

SIGNED *J. H. Watson*

TITLE Technical Assistant

DATE 9-11-89

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other Instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-30276	
2. NAME OF OPERATOR Chevron U.S.A. Inc., Room 13097		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Range Creek	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 820' FNL & 2,260' FWL NE/4, NW/4		8. FARM OR LEASE NAME Norris Federal	
14. PERMIT NO. API 43-015-30014		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,262' G.L.		10. FIELD AND POOL, OR WILDCAT Cedar Mountain	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8, T18S, R16E	
		12. COUNTY OR PARISH Emery	
		13. STATE Utah	

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>		

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to change plans of sundry submitted 8/17/89 and approved 8/25/89 to workover well as follows:

Steps 1-4: Same as previously submitted & approved.

Step 5. Set pkr @ $\pm 5900'$ on $3\frac{1}{2}''$ tbg.

6. Frac perfs 6010'-34' & 6075'-81' w/70 Q foam, tagged.

7. Flow back or swab to clean up. Rn past frac GR log.

8. Kill well & pull $3\frac{1}{2}''$ tbg. Rn production tbg (2-7/8" w/perm pkr).

9. Set BPV, N/D BOPE. N/U & tst tree. POOH w/BPV.

10. Swab well to kick off. R/D WSU. TWOTP.

11. Flow test well in accordance w/NTL-4A to determine deliverability, 30 days or 50 MMCF maximum flow test period. Notify BLM Moab District (801) 259-6111 24 hrs prior to start of flow test.

3 - BLM
3 - State
1 - EEM
1 - MKD
2 - Drlg
1 - File

OIL AND GAS	
DRN	ONE
JRS	GLH
DTT	SLS

18. I hereby certify that the foregoing is true and correct

SIGNED J. Watson

TITLE Technical Assistant

DATE 10-6-89

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side 10-20-89

2-TAS	
3- MICROFILM	
4- FILE	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other Instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3
5. LEASE DESIGNATION AND SERIAL NO.

U-30276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Chevron U.S.A. Inc., Room 13097

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

820' FNL & 2,260' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$)

14. PERMIT NO.
API 43-015-30014

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,262' GL

7. UNIT AGREEMENT NAME

Range Creek

8. FARM OR LEASE NAME

Norris Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Cedar Mountain

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 8, T18S, R16E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Cmt. sqzd. to exclude perfs

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was worked over as follows:

1. MIRU BCWS #4 10/25/89. Killed well. Ran 2.32" gauge ring to 5,926'. ND tree. NU & tested BOPE.
2. POOH w/prod. tbg. ND 6" BOPE. ND tbg. head. NU 11" BOPE & tst. POOH w/9 5/8" Lok-set pkr. C/O w/bit & scraper to 6,099'.
3. Ran GR, JB, CCL, log 6,085'-5,000'. RIH w/9 5/8" pkr. & confirm comm. btwn. perfs 6,010'-6,034' and 6,075'-6,081'.
4. Set CICR @ 6,065'. Cmt. sqzd. perfs 6,075'-6,081' w/50 sxs. cl H cmt. C/O w/bit to 6,063'.
5. Reperfed Dakota formation 6,010'-6,034' w/4 spf, 90° phasing.
6. Fracd. Dakota perfs 6,010'-6,034' w/98,500 gals. 70 Q N₂ w/158,400# 20/40 sand. Flow test well. POOH w/pkr & tbg. RIH & C/O sd. f/6,000'-6,063'. RIH w/pkr. and tbg. Swab & flow test well.
7. Pump 5,000 gals. Invesperse 'A' on perfs. Flow well to flat tank. RU & swab.
8. Ran after frac. Gamma Ray Log 6,049'-5,800'. Reperf Dakota 6,010'6,034'.
9. Treat formation w/2,000 gals. diesel fuel, 10% xylene. Swab test well.
10. Set CICR @ 5,950'. Cmt. sqzd. Dakota perfs 6,010'-6,034' w/50 sxs. cl H cmt. Leave 10' cmt. on top of CICR @ 5,950'.
11. Perfd Dakota 5,837'-5,863' w/4 spf, 90° phasing. Pmp. 1,500 gals. NARS-200. Swab & test. Fracd. perfs 5,837'-5,863' w/63965 gals. 70 Q N₂ w/100,800# 20/40 sd. Swab & flow test well. C/O tbg. fill @ 5,928'.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. S. Watson

TITLE

Technical Assistant

DATE

12/13/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

U-30276
Range Creek
Norris Federal #1
Cedar Mountain
Sec. 8, T18S, R16E
Emery, Utah
(continued)

12. Ran after frac. Gamma Ray Log 5,891'-5,500'. Set 9 5/8" model 'D' pkr. @ 5,700'.
13. Hydrotest in hole w/production tbg. Circ. hole w/pkr. fld. Land EDT @ 5,736'.
14. Set BPV. ND BOPE. NU tree. Swab & flow test well.
15. RD BCWS 12/4/89 TWOTP.

CIL/	
	CLH
	SLS
1-TAS	
2-	MICROFILM
3-	FILE

3-BLM
3-State
1-EEM
1-MKD
2-Dr1g.
1-PLM
1-Sec. 724C
1-Sec. 724R
1-File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
JUN 11 1990

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Chevron U.S.A. Inc., Room 13097

3. Address and Telephone No.
P.O. Box 599, Denver, CO 80201

4. Location of Well (Foote, Sec., T., R., M., or Survey Description)
Sec. 8, T18S, R16E
820' FNL & 2,260' FWL (NE/4, NW/4)
GL: 6,262' (Elevation)

5. Lease Designation and Serial No.

U-30276

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Range Creek

8. Well Name and No.

Norris Federal 1

9. API Well No.

43-015-30014

10. Field and Pool, or Exploratory Area

Cedar Mountain

11. County or Parish, State

Emery, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

Convert to wtr. source well

(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

(See attached.)

OIL AND GAS	
DRN	RJF
3-JRB ✓	1- GLH ✓
DTS	SLS
4-DMS ✓	
2-DMS ✓	
5- MICROFILM ✓	
FILE	

3-BLM
3-State
1-EEM
1-RBN
2-Drlg.
1-JLW

14. I hereby certify that the foregoing is true and correct

Signed

J. J. Watson

Title

Technical Assistant

Date 6/5/90

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Federal approval of this action
is required before commencing
operations.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7-2-90

BY: *[Signature]*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
JUL 27 1990

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

5. Lease Designation and Serial No.
U-30276

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

Range Creek

8. Well Name and No.

Norris Federal #1

9. API Well No.

43-015-30014

10. Field and Pool, or Exploratory Area

Cedar Mountain

11. County or Parish, State

Emery, Utah

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Chevron USA Inc Rm #13097

3. Address and Telephone No.

PO BOX 599 Denver CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

820' FNL & 2260' FWL (NE/4, NW/4)
Sec 8, T18S, R16E (GL: 6262')

DIVISION OF
OIL, GAS & MINING

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to plug & abandon the subject well as per the attached procedure.

3 - BLM
3 - State
1 - RBN
2 - Drlg
1 - JLW

OIL AND GAS	
DFN	RJF
2-JRB ✓	GLH
1-DME	SLS
3-DME	
4- MICROFILM ✓	
5- FILE	

14. I hereby certify that the foregoing is true and correct

Signed

J. Watson

Title

Technical Assistant

Date 7/24/90

(This space for Federal or State office use)

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Approved by Federal approval of this action

Conditions of approval, if any:
is required before commencing
operations.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

NORRIS FEDERAL #1
Plug and Abandon

RECEIVED
JUL 27 1990

DIVISION
OIL, GAS & MINING

- 1) MIRU WSU, (Have Inter-Mountain Safety Rigged Up @ 2 Traffic control check pt's @ bottom & top of canyon). Check well prsr's, Blow well dn as needed. Fill hole w/ wtr, as needed. Water to be supplied by either; City of Price, Utah (or) Range Creek, (Waldo Wilcox) Drilling Dept will advise as to water source. Tst tbg to 1000 psi (FSG plug set in 2.25" 'F' Nipple @5667'), Tst Csg (9 5/8" x 2 7/8" annulus) to 300 psi.
- 2) N/D Tree, N/U 11" CUSA Class II BOPE & Tst Drill out cement around cellar to +/-5' deep.
- 3) R/U Wireline Co., RIH & release FSG plug in 'F' Nipple @ 5667'. (Estimated Res. Prsr below plug = 1900 psig), Kill well as needed, POOH w/ FSG plug, R/D Wireline Co.,
- 4) Unseat Locator Seal Assembly f/ Baker Model 'D' Pkr @ 5700', POOH w/ 2 7/8" 6.5# J-55 8rd EUE Prod tbg & Seal Ass., L/D Seal Ass.
- 5) P/U 8 1/2" Bit w/ 9 5/8" Csg scraper & C/O to top of Pkr @ 5700', CHC w/ water.
- 6) P/U 9 5/8" CICR, RIH w/ CICR & Set @ +/-5650' on tbg. (+/- 50' above Model 'D' Pkr).
- 7) RIH w/ stinger on 2 7/8" tbg, Sting into CICR, Tst Csg to 500 psi Establish Inj. Rate into Dakota Fm. perfs (5837'- 5863'), Cmt Sqz Dakota perfs w/+/-100 sxS Cl 'H' cmt @ 16.4 ppg Leave 50' of cmt on top of CICR @ +/-5650' (+/-20 sxS). Circulate hole with 9.0 ppg plug mud. POOH w/ tbg & stinger to 4000'.
- 8) Set 200' balanced cement plug f/4000'-3800' with +/-100 sxS Class 'H' Cmt @ 16.4 ppg, POOH w/ Tbg & Stinger to 2550'.
- 9) Set 200' balanced cement plug f/2550'-2350' with +/-100 sxS Class 'H' Cmt @ 16.4 ppg, POOH w/ Tbg & Stinger to 1250'.

12A) If Circ is established up either annulus:
Set CICR @ +/-600'
Cmt Sqz, as needed, in attempt to circ. cmt to surf.
(Estimate sqz w/ 200 sxS Cl 'H' 16.4 ppg cmt).
Leave 50' of Cmt. on top of CICR
Monitor annulus for gas migration indications.
If no gas migration, Go to step 13

12B) If Circ is not established up either annulus:
Set CICR @ +/-600'
Cmt Sqz perfs 655'-660' w/ +/-100 sxS Cmt.
Leave 50' of Cmt. on top of CICR
Go to step 14

13) POOH & Set Surface Plug 300' to Surface. Install Dryhole Marker.

14) POOH & Set Surface Plug 300' to Surface.

15) N/D BOPE
P/U Washover Tools & Wsh Over 13 3/8" Csg as needed (+/-300')
with 16" Wsh Pipe.

Circulate cmt. behind 13 3/8" Csg in attempt to eliminate annular
gas migration. Monitor annulus:

15A) If no gas migration: Cut off Csg & Install Dryhole Marker.

15B) If gas migration noticed: Continue to Wsh Over & Cmt as needed.

Mark J. Miller

RANGE CREEK #1

It is proposed to convert the subject well to a water source well as follows:

1. MIRU WSU. Blow well dn. & kill as needed. ND tree. NU BOPE & tst.
2. POOH w/2 7/8" prod. tbg. C/o to 5,700' (Bkr. Model 'D' pkr. setting depth) w/ bit & scraper.
3. Set CICR @ \pm 5,650'. Cmt. sqz. Dakota Fm. perfs (5,837'-5,863') w/ \pm 100 sxs. Cl. 'H' cmt. Leave 50' of cmt. on top of CICR. POOH w/tbg. to 2,550'. Set 200' balanced cmt. plug from 2,550'-2,350' w/ \pm 80 sxs. Cl. 'H' cmt. Pooh w/tbg.
4. Perf 2,080'-2,160'. RIH w/pkr. & tbg. Set pkr. @2,030'. Tst. 9 5/8" csg. to 500 psi. Swab or flow tst. interval to evaluate wtr. production potential. Acdz, if warranted. Swab/flow tst.
5. Cmt. sqz, as needed; if circulation is established up 13 3/8" X 9 5/8" csg. strings annulus, in attempt to circ. cmt. to surf., or if wtr. prod. does not warrant keeping this wtr. source interval. Cmt. sqz. to isolate this zone & c/o to \pm 2,000'.
6. Assuming interval f/2,080'-2,160' wtr. prod. potential deemed insufficient, Perf f/1,292'-1,375'.
7. RIH w/pkr. & tbg. Set pkr. @ \pm 1,250'. Swab/flow tst. perfs 1,292'-1,375'. Acdz., if warranted. Swab/flow tst., as needed.
8. POOH w/pkr. & tbg. RIH w/2 7/8" prod. tbg. ND BOPE. NU WH eq. Eq. well to flow or pmp. as needed.
9. RDMOL/TWOTP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

SEP 12 1990

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Chevron U.S.A. Inc., Room 13097

3. Address and Telephone No.

P.O. Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

820' FNL & 2,260' FWL (NE/4, NW/4)

Sec. 8, T18S, R16E (G.L. - 6,262')

5. Lease Designation and Serial No.

U-30276

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement Designation

Range Creek

8. Well Name and No.

Norris Federal #1

9. API Well No.

43-015-30014

10. Field and Pool, or Exploratory Area

Cedar Mountain

11. County or Parish, State

Emery, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

Verbal approval to perf.

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

As per conversation on 9/10/90 with Mr. Fred Oneyer, BLM, Moab, Utah, District Office @ (801) 259-6111 and Mark Miller, Chevron Drilling Engineer, Denver, Colorado @ (303) 930-3546; verbal approval has been received to perforate (below the 13 3/8" surf. csg.) @ 2,450' - 2,452' and cement squeeze through a CICR @ \pm 2,400', as needed, in attempt to eliminate annular gas leak.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE:

BY:

3-BLM
3-State
2-Drig,
1-JLW

14. I hereby certify that the foregoing is true and correct

Signed

J. Watson

Title

Technical Assistant

Date 9/10/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED
SEP 17 1990

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Chevron U.S.A. Inc.

3. Address and Telephone No.
P O Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
820' FNL & 2260' FWL (NE/4, NW/4)

Sec. 8, T18S, R16E (G.L. - 6,262')

5. Lease Designation and Serial No.

U-30276

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

Range Creek

8. Well Name and No.

Norris Federal #1

9. API Well No.

43-015-30014

10. Field and Pool, or Exploratory Area

Cedar Mountain

11. County or Parish, State

Emery, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

Verbal Approved to Perf

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

As per conversation on 9/13/90 with Mr. Dale Manchester, BLM, Moab, Utah District office @ (801) 259-6111 and Mark Miller, Chevron Drilling Engineer, Denver, CO @ (303) 930-3546, verbal approval is received to perforate @ 480'-485' and cement squeeze through a CICR @ $\pm 460'$, as needed, in attempt to eliminate annular gas leak.

OIL AND GAS	
DPM	2 ✓ RJF
JPB	GLH
DPS	SLS
1 - DME	
2 - DAVE	
4 - MICROFILM ✓	
5 - FILE	

3 - BLM
3 - State
2 - Drlg
1 - JLW

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Technical Assistant

Date 9/13/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED BY THE STATE
OF UTAH
OIL, GAS, AND MINES

Date

9/27/90

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

BY: *[Signature]*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

OCT 12 1990

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
CHEVRON USA, INC.

3. Address and Telephone No.
P. O. BOX 599, DENVER, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
820' FNL & 2,260' FWL (NE/4, NW/4)
Sec. 8, T18S, R16E, (G.L. - 6,262')

5. Lease Designation and Serial No.
U 30276

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Range Creek

8. Well Name and No.
Norris Federal #1

9. API Well No.
43-015-30014 PA

10. Field and Pool, or Exploratory Area
Cedar Mountain

11. County or Parish, State

Emery, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☒ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well was plugged and abandoned on 10/1/90. Mr. Mike Kaminski, BLM representative from Price, UT, witnessed the final plugging and installment of dry hole marker. Throughout the plugging operation BLM representatives from Price (Mr. Kaminski) and Moab, UT (Mr. Jones, Oneyear & Manchester) were advised and approved of Chevron's plugging procedure. The following, attached page, is a summary of the plugging and abandonment operation:

3-BLM 1-Sec. 724-P 3-State
1-COS 1-EAM 1-JLW
2-Dr1g 1-REK 1-Sec. 724C

OIL AND GAS	
DFN	RJF
JFB	GLH
DIS	SLS
1-DMR	
2-MICROFILM	
3-FILE	

14. I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Title

Technical Assistant

Date 10/5/90

Approved by

Conditions of approval, if any:

Title

Date

Norris Federal #1 Plug and Abandonment

MIRU B.C. Well Service on 9/5/90.

N/D Tree, N/U BOPE & Test. Pressure test 9 5/8" csg to 300 psi.
POOH w/ tbg. C/O to top of Model 'D' pkr @ 5700' w/bit & scraper.
(Dig out cellar 8" below top of 20" conductor csg).

RIH & set CICR @ 5640', Cmt Sqz Dakota perms (5837'-5863') w/120
sxs Class 'H' cmt, leave 20 sxs (50') on top of CICR.

Circ. 9.0 ppg mud to 4000'.

Set balanced cmt plug from 4012' to 3750' w/100 sxs cmt.

Circ. 9.0 ppg mud from 3750' to 2300'.

Perforate 2450'-2452' (9 5/8" csg), Set CICR @ 2410'.

Could not establish injection into perf'd holes @ 2500 psi.

Set 75 sxs cmt plug on top of CICR from 2410' to 2223'.

Circ 9.0 ppg mud from 2223' to 1250'.

Set balanced cmt plug from 1250' to 1150' w/50 sxs cmt.

Circ. 9.0 ppg mud from 1150' to 600'.

Perforate 655'-660' (9 5/8" csg), Set CICR @ 610'.

Cmt sqz perms w/50 sxs cmt to 1000 psi., leave 20 sxs (50') on top
of CICR.

Circ 9.0 ppg mud from 550' to surface.

Perforate 480'-485' (9 5/8" csg), Set CICR @ 460'.

Cmt sqz perms w/ 175 sxs cmt to 1000 psi., leave 20 sxs (50') on
top of CICR.

(Well still gassing from 9 5/8" x 13 3/8" annulus).

N/D BOPE, RIH w/mechanical cutter, Cut 9 5/8" csg @ 418'. Attempt
to pull 9 5/8" csg w/o success.

Washover 9 5/8" csg to 52' K.B. Recovered a 24' long piece of
9 5/8" csg. Csg was sliced leaving a sliver 17' x 7" wide in hole.
Attempt to recover 9 5/8" csg "slivers w/o success.

RIH w/tbg to TOC @ 430' K.B.

Set balanced cmt plug from 428'-35' K.B. w/170 sxs cmt.

Set CIBP @ 34' K.B. (14' into 13 3/8" csg), Cmt from 34' K.B. to
surface w/8 sxs cmt.

(Well still gassing from 13 3/8" x 20" annulus).

Dig out cellar to 9' below G.L. to hard rock, Pull out cellar ring.

Run 1" tbg down 13 3/8" x 20" annulus to 22' below G.L.

Cmt annulus w/ 100 sxs cmt.

(Well still gassing from 13 3/8" x 20" annulus).

Reset cellar ring.

Washover 13 3/8" csg to 139' K.B.

Recovered 25' of 13 3/8" csg (including 13 3/8" CIBP).

Determined top of 13 3/8" and 9 5/8" Csg to be @ 45' K.B.

Weld 3/8" thick plate over top of 20" conductor.

Cmt sqz w/ 350 sxs cmt by bullheading down 20".

Cmt from 8' to top of 20" csg w/ 20 sxs 60-40 cmt/cal seal.

Well dead @ 7:30 P.M. 9/30/90.

BLM rep. Mr. Mike Kaminski observed 20" & cellar, approved of
cement inside of 20" conductor.

Installed Dry Hole Marker.

Filled cellar w/ 180 sxs cmt.

R/D B.C. Well Service, MOL, Well P&A'd 10/1/90.